

# Distinct antibody and memory B cell responses in SARS individuals after mRNA vaccination

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Positivity of SARS-CoV-2 Antibodies among Korean Healthy Healthcare Workers 1 and 2 Weeks after Second Dose of Pfizer-BioNTech Vaccination. <i>Journal of Korean Medical Science</i> , 2021, 36, e158.	1.1	11
2	Neutralizing Antibodies Against SARS-CoV-2 Variants Induced by Natural Infection or Vaccination: A Systematic Review and Individual Data Meta-Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7
6	Prior SARS-CoV-2 infection rescues B and T cell responses to variants after first vaccine dose. <i>Science</i> , 2021, 372, 1418-1423.	6.0	286
12	SARS-CoV-2 vaccines: anamnestic response in previously infected recipients. <i>Cell Research</i> , 2021, 31, 827-828.	5.7	15
14	Anti-SARS-CoV-2 Antibodies Testing in Recipients of COVID-19 Vaccination: Why, When, and How?. <i>Diagnostics</i> , 2021, 11, 941.	1.3	45
15	SARS-CoV-2 variants of concern partially escape humoral but not T cell responses in COVID-19 convalescent donors and vaccine recipients. <i>Science Immunology</i> , 2021, 6, .	5.6	455
20	Is a single COVID-19 vaccine dose enough in convalescents ?. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 2959-2961.	1.4	10
22	Neutralizing Anti-SARS-CoV-2 Antibody Titer and Reported Adverse Effects, in a Sample of Italian Nursing Home Personnel after Two Doses of the BNT162b2 Vaccine Administered Four Weeks Apart. <i>Vaccines</i> , 2021, 9, 652.	2.1	27
23	Impaired humoral immunity to SARS-CoV-2 BNT162b2 vaccine in kidney transplant recipients and dialysis patients. <i>Science Immunology</i> , 2021, 6, eabj1031.	5.6	223
24	Memory B Cells in Pregnancy Sensitization. <i>Frontiers in Immunology</i> , 2021, 12, 688987.	2.2	2
25	Primary, Recall, and Decay Kinetics of SARS-CoV-2 Vaccine Antibody Responses. <i>ACS Nano</i> , 2021, 15, 11180-11191.	7.3	60
26	Hybrid immunity. <i>Science</i> , 2021, 372, 1392-1393.	6.0	218
28	Naturally enhanced neutralizing breadth against SARS-CoV-2 one year after infection. <i>Nature</i> , 2021, 595, 426-431.	13.7	610
29	The Beauty of Simplicity: Delayed-Type Hypersensitivity Reaction to Measure Cellular Immune Responses in RNA-SARS-Cov-2 Vaccinated Individuals. <i>Vaccines</i> , 2021, 9, 575.	2.1	9
30	Is one vaccine dose enough if youâ€™ve had COVID? What the science says. <i>Nature</i> , 2021, 595, 161-162.	13.7	26
32	COVID-19 mRNA vaccine induced antibody responses against three SARS-CoV-2 variants. <i>Nature Communications</i> , 2021, 12, 3991.	5.8	241
33	Antibody response after one and two jabs of the BNT162b2 vaccine in nursing home residents: The CONSORTâ€™19 study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 271-281.	2.7	30
36	Beyond neutralization for BNT162b2 mRNA vaccination. <i>Cell Host and Microbe</i> , 2021, 29, 1033-1035.	5.1	3

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37	Neutralizing Antibodies Titers and Side Effects in Response to BNT162b2 Vaccine in Healthcare Workers with and without Prior SARS-CoV-2 Infection. <i>Vaccines</i> , 2021, 9, 742.	2.1	39
38	A single dose of the SARS-CoV-2 vaccine BNT162b2 elicits Fc-mediated antibody effector functions and T <sub>H</sub> 1 cell responses. <i>Cell Host and Microbe</i> , 2021, 29, 1137-1150.e6.	5.1	173
39	Potency of BNT162b2 and mRNA-1273 vaccine-induced neutralizing antibodies against severe acute respiratory syndrome-CoV-2 variants of concern: A systematic review of in vitro studies. <i>Reviews in Medical Virology</i> , 2022, 32, e2277.	3.9	57
43	Human Coronaviruses: Counteracting the Damage by Storm. <i>Viruses</i> , 2021, 13, 1457.	1.5	5
46	Rapid and stable mobilization of CD8+ T cells by SARS-CoV-2 mRNA vaccine. <i>Nature</i> , 2021, 597, 268-273.	13.7	279
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55	Neutralization of Delta variant with sera of Covishield <sup>®</sup> vaccinees and COVID-19-recovered vaccinated individuals. <i>Journal of Travel Medicine</i> , 2021, 28, .	1.4	28
56	Immunity to SARS-CoV-2 induced by infection or vaccination. <i>Journal of Internal Medicine</i> , 2022, 291, 32-50.	2.7	97
57	Antibody responses after a single dose of ChAdOx1 nCoV-19 vaccine in healthcare workers previously infected with SARS-CoV-2. <i>EBioMedicine</i> , 2021, 70, 103523.	2.7	42
59	Monitoring Serum Spike Protein with Disposable Photonic Biosensors Following SARS-CoV-2 Vaccination. <i>Sensors</i> , 2021, 21, 5857.	2.1	32
60	Early Serological Response to BNT162b2 mRNA Vaccine in Healthcare Workers. <i>Vaccines</i> , 2021, 9, 913.	2.1	12
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62	B and T cell response to SARS-CoV-2 vaccination in health care professionals with and without previous COVID-19. <i>EBioMedicine</i> , 2021, 70, 103539.	2.7	67
63	Challenges and Scientific Prospects of the Newest Generation of mRNA-Based Vaccines against SARS-CoV-2. <i>Life</i> , 2021, 11, 907.	1.1	20
64	Understanding neutralising antibodies against SARS-CoV-2 and their implications in clinical practice. <i>Military Medical Research</i> , 2021, 8, 47.	1.9	88
65	Robust Antibody Responses to the BNT162b2 mRNA Vaccine Occur Within a Week After the First Dose in Previously Infected Individuals and After the Second Dose in Uninfected Individuals. <i>Frontiers in Immunology</i> , 2021, 12, 722766.	2.2	20
66	Human vaccines & immunotherapeutics: news. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 2354-2355.	1.4	0

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70	A vaccine-induced public antibody protects against SARS-CoV-2 and emerging variants. <i>Immunity</i> , 2021, 54, 2159-2166.e6.	6.6	52
71	High-affinity memory B cells induced by SARS-CoV-2 infection produce more plasmablasts and atypical memory B cells than those primed by mRNA vaccines. <i>Cell Reports</i> , 2021, 37, 109823.	2.9	73
73	Advances in understanding the formation and fate of B-cell memory in response to immunization or infection. <i>Oxford Open Immunology</i> , 2021, 2, .	1.2	3
75	Cellular and humoral immune responses following SARS-CoV-2 mRNA vaccination in patients with multiple sclerosis on anti-CD20 therapy. <i>Nature Medicine</i> , 2021, 27, 1990-2001.	15.2	396
76	Dynamics of antibody response to BNT162b2 vaccine after six months: a longitudinal prospective study. <i>Lancet Regional Health - Europe</i> , The, 2021, 10, 100208.	3.0	446
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80	SARS-CoV-2 mRNA Vaccines Elicit Different Responses in Immunologically Naïve and Pre-Immune Humans. <i>Frontiers in Immunology</i> , 2021, 12, 728021.	2.2	20
82	Shooting at a Moving Target—Effectiveness and Emerging Challenges for SARS-CoV-2 Vaccine Development. <i>Vaccines</i> , 2021, 9, 1052.	2.1	22
83	The biological and clinical significance of emerging SARS-CoV-2 variants. <i>Nature Reviews Genetics</i> , 2021, 22, 757-773.	7.7	778
88	Rapid induction of antigen-specific CD4+ T cells is associated with coordinated humoral and cellular immunity to SARS-CoV-2 mRNA vaccination. <i>Immunity</i> , 2021, 54, 2133-2142.e3.	6.6	367
90	Nanovaccine: an emerging strategy. <i>Expert Review of Vaccines</i> , 2021, 20, 1273-1290.	2.0	50
91	Neutralizing Antibodies against SARS-CoV-2, Anti-Ad5 Antibodies, and Reactogenicity in Response to Ad5-nCoV (CanSino Biologics) Vaccine in Individuals with and without Prior SARS-CoV-2. <i>Vaccines</i> , 2021, 9, 1047.	2.1	23
92	Serologic response to COVID-19 infection and/or vaccine in cancer patients on active treatment. <i>ESMO Open</i> , 2021, 6, 100283.	2.0	39
93	mRNA vaccination of naive and COVID-19-recovered individuals elicits potent memory B cells that recognize SARS-CoV-2 variants. <i>Immunity</i> , 2021, 54, 2893-2907.e5.	6.6	107
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98	Uninformative and unuseful: why it is necessary to actively challenge COVID-19 antibody testing postvaccination. <i>Public Health</i> , 2021, 199, 32-33.	1.4	2
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101	mRNA vaccines induce durable immune memory to SARS-CoV-2 and variants of concern. <i>Science</i> , 2021, 374, abm0829.	6.0	609
102	Immunogenicity of standard and extended dosing intervals of BNT162b2 mRNA vaccine. <i>Cell</i> , 2021, 184, 5699-5714.e11.	13.5	262
103	Comparing COVID-19 vaccines for their characteristics, efficacy and effectiveness against SARS-CoV-2 and variants of concern: a narrative review. <i>Clinical Microbiology and Infection</i> , 2022, 28, 202-221.	2.8	569
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106	mRNA vaccine-induced T cells respond identically to SARS-CoV-2 variants of concern but differ in longevity and homing properties depending on prior infection status. <i>ELife</i> , 2021, 10, .	2.8	63
107	Anti-SARS-CoV-2 receptor-binding domain antibody evolution after mRNA vaccination. <i>Nature</i> , 2021, 600, 517-522.	13.7	239
109	An affinity-enhanced, broadly neutralizing heavy chain-only antibody protects against SARS-CoV-2 infection in animal models. <i>Science Translational Medicine</i> , 2021, 13, eabi7826.	5.8	41
110	Dynamic SARS-CoV-2-specific B-cell and T-cell responses following immunization with an inactivated COVID-19 vaccine. <i>Clinical Microbiology and Infection</i> , 2022, 28, 410-418.	2.8	64
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112	Trivalent nucleoside-modified mRNA vaccine yields durable memory B cell protection against genital herpes in preclinical models. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	17
113	Clinical and immunological characteristics in COVID-19 convalescent patients. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 2669-2676.	1.3	1
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117	Generation and persistence of S1ÎgG and neutralizing antibodies in post-COVID-19 patients. <i>Infection</i> , 2021, 50, 447.	2.3	5
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135	Scientific rationale for developing potent RBD-based vaccines targeting COVID-19. <i>Npj Vaccines</i> , 2021, 6, 128.	2.9	102
137	COVID-19 in B Cell-Depleted Patients After Rituximab: A Diagnostic and Therapeutic Challenge. <i>Frontiers in Immunology</i> , 2021, 12, 763412.	2.2	43
138	BNT162b2 vaccination induces durable SARS-CoV-2-specific T cells with a stem cell memory phenotype. <i>Science Immunology</i> , 2021, 6, eabl5344.	5.6	166
139	Protective immunity after recovery from SARS-CoV-2 infection. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 12-14.	4.6	114
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150	m6A Regulator-Mediated Methylation Modification Patterns and Characteristics of Immunity in Blood Leukocytes of COVID-19 Patients. <i>Frontiers in Immunology</i> , 2021, 12, 774776.	2.2	17
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156	Antibody response to COVID-19 vaccine: A point of view that can help to optimize dose distribution. <i>International Immunopharmacology</i> , 2022, 102, 108406.	1.7	7
157	Humoral anti-SARS-CoV-2 immune response after two doses of Comirnaty vaccine in nursing home residents by previous infection status. <i>Vaccine</i> , 2022, 40, 531-535.	1.7	6
159	Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in rhesus macaques coincides with anamnestic antibody response in the lung. <i>Cell</i> , 2022, 185, 113-130.e15.	13.5	64
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162	Neutralizing antibody: a savior in the Covid-19 disease. <i>Molecular Biology Reports</i> , 2022, 49, 2465-2474.	1.0	18
165	A single mRNA vaccine dose in COVID-19 patients boosts neutralizing antibodies against SARS-CoV-2 and variants of concern. <i>Cell Reports Medicine</i> , 2022, 3, 100486.	3.3	16
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167	Persistent B cell memory after SARS-CoV-2 vaccination is functional during breakthrough infections. <i>Cell Host and Microbe</i> , 2022, 30, 400-408.e4.	5.1	75
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169	SARS-CoV-2 BNT162b2 vaccine "induced humoral response and reactogenicity in individuals with prior COVID-19 disease. <i>JCI Insight</i> , 2022, 7, .	2.3	5
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173	Determinants of early antibody responses to COVID-19 mRNA vaccines in a cohort of exposed and naïve healthcare workers. <i>EBioMedicine</i> , 2022, 75, 103805.	2.7	60
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177	Dynamics of spike-and nucleocapsid specific immunity during long-term follow-up and vaccination of SARS-CoV-2 convalescents. <i>Nature Communications</i> , 2022, 13, 153.	5.8	45
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185	SARS-CoV-2 mRNA vaccine induces robust specific and cross-reactive IgG and unequal neutralizing antibodies in naive and previously infected people. <i>Cell Reports</i> , 2022, 38, 110336.	2.9	41
186	Germinal center responses to SARS-CoV-2 mRNA vaccines in healthy and immunocompromised individuals. <i>Cell</i> , 2022, 185, 1008-1024.e15.	13.5	101
187	Robust induction of B cell and T cell responses by a third dose of inactivated SARS-CoV-2 vaccine. <i>Cell Discovery</i> , 2022, 8, 10.	3.1	100
188	Immunity to SARS-CoV-2 up to 15 months after infection. <i>IScience</i> , 2022, 25, 103743.	1.9	56
189	Distinct immune response to CoronaVac in SARS-CoV-2 seropositive and seronegative patients with autoimmune rheumatic disease. <i>Lancet Rheumatology</i> , The, 2022, 4, e77-e78.	2.2	2
190	Data structures associated with biomedical research. , 2022, , 19-43.		0
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193	Antibody Response to SARS-CoV-2 Infection and Vaccination in COVID-19-naïve and Experienced Individuals. <i>Viruses</i> , 2022, 14, 370.	1.5	5
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195	SARS-CoV-2 Omicron-neutralizing memory B cells are elicited by two doses of BNT162b2 mRNA vaccine. <i>Science Immunology</i> , 2022, 7, eabn8590.	5.6	88
196	Robust immune responses are observed after one dose of BNT162b2 mRNA vaccine dose in SARS-CoV-2-experienced individuals. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	65
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198	Exercise after influenza or COVID-19 vaccination increases serum antibody without an increase in side effects. <i>Brain, Behavior, and Immunity</i> , 2022, 102, 1-10.	2.0	30
199	Development of multivalent mRNA vaccine candidates for seasonal or pandemic influenza. <i>Npj Vaccines</i> , 2021, 6, 153.	2.9	46
200	Antibody affinity maturation and cross-variant activity following SARS-CoV-2 mRNA vaccination: Impact of prior exposure and sex. <i>EBioMedicine</i> , 2021, 74, 103748.	2.7	17
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202	The germinal centre B cell response to SARS-CoV-2. <i>Nature Reviews Immunology</i> , 2022, 22, 7-18.	10.6	150
203	Neutralizing Antibody Response to Pseudotype Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Differs Between mRNA-1273 and BNT162b2 Coronavirus Disease 2019 (COVID-19) Vaccines and by History of SARS-CoV-2 Infection. <i>Clinical Infectious Diseases</i> , 2022, 75, e827-e837.	2.9	9
204	Reduced Magnitude and Durability of Humoral Immune Responses to COVID-19 mRNA Vaccines Among Older Adults. <i>Journal of Infectious Diseases</i> , 2022, 225, 1129-1140.	1.9	65
206	Single-cell profiling of T and B cell repertoires following SARS-CoV-2 mRNA vaccine. <i>JCI Insight</i> , 2021, 6, .	2.3	54
207	Longitudinal dynamics of SARS-CoV-2-specific cellular and humoral immunity after natural infection or BNT162b2 vaccination. <i>PLoS Pathogens</i> , 2021, 17, e1010211.	2.1	37
208	Antibody Response of BNT162b2 and CoronaVac Platforms in Recovered Individuals Previously Infected by COVID-19 against SARS-CoV-2 Wild Type and Delta Variant. <i>Vaccines</i> , 2021, 9, 1442.	2.1	18
209	Heterologous infection and vaccination shapes immunity against SARS-CoV-2 variants. <i>Science</i> , 2021, , eabm0811.	6.0	10
210	Robust immune responses are observed after one dose of BNT162b2 mRNA vaccine dose in SARS-CoV-2 experienced individuals. <i>Science Translational Medicine</i> , 2021, , eabi8961.	5.8	22

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