

# The role of integrin $\alpha_5\beta_1$ (CD11d/CD18) in monocyte/n

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The extracellular domain of CD11d regulates its cell surface expression. <i>Journal of Leukocyte Biology</i> , 2009, 86, 851-862.	1.5	4
2	Expression of beta 2 integrin (CD18) in embryonic mouse and chicken heart. <i>Brazilian Journal of Medical and Biological Research</i> , 2010, 43, 25-35.	0.7	2
3	Comparative Studies of Vertebrate Beta Integrin Genes and Proteins: Ancient Genes in Vertebrate Evolution. <i>Biomolecules</i> , 2011, 1, 3-31.	1.8	7
4	VAMP3 regulates podosome organisation in macrophages and together with Stx4/SNAP23 mediates adhesion, cell spreading and persistent migration. <i>Experimental Cell Research</i> , 2011, 317, 1817-1829.	1.2	33
5	Insulin treatment attenuates diabetes-increased atherosclerotic intimal lesions and matrix metalloproteinase 9 expression in apolipoprotein E-deficient mice. <i>Journal of Endocrinology</i> , 2011, 210, 37-46.	1.2	14
6	The Clinical Presentation and Histopathologicâ€“Immunohistochemical Classification of Histiocytic Sarcomas in the Flat Coated Retriever. <i>Veterinary Pathology</i> , 2011, 48, 764-771.	0.8	50
7	Characterization of Immune Cell Infiltration Into Canine Intracranial Meningiomas. <i>Veterinary Pathology</i> , 2012, 49, 784-795.	0.8	22
8	Integrin signalling and function in immune cells. <i>Immunology</i> , 2012, 135, 268-275.	2.0	155
9	Î²2 Integrin Adhesion Complexes Maintain the Integrity of <scp>HIV</scp>â€“1 Assembly Compartments in Primary Macrophages. <i>Traffic</i> , 2012, 13, 273-291.	1.3	39
10	Cross talk between the extracellular matrix and the immune system in the context of endocrine pancreatic islet transplantation. A review article. <i>Pathologie Et Biologie</i> , 2014, 62, 67-78.	2.2	14
11	Integrin Î±DÎ²2 (CD11d/CD18) mediates experimental malaria-associated acute respiratory distress syndrome (MA-ARDS). <i>Malaria Journal</i> , 2016, 15, 393.	0.8	18
12	CD11c/CD18 Dominates Adhesion of Human Monocytes, Macrophages and Dendritic Cells over CD11b/CD18. <i>PLoS ONE</i> , 2016, 11, e0163120.	1.1	72
13	Biology and structure of leukocyte Î²2 integrins and their role in inflammation. <i>F1000Research</i> , 2016, 5, 2433.	0.8	65
14	The many faces of Macâ€“1 in autoimmune disease. <i>Immunological Reviews</i> , 2016, 269, 175-193.	2.8	95
15	The Role of Integrins Î±MÎ²2 (Mac-1, CD11b/CD18) and Î±DÎ²2 (CD11d/CD18) in Macrophage Fusion. <i>American Journal of Pathology</i> , 2016, 186, 2105-2116.	1.9	56
16	Expression Profile of the Integrin Receptor Subunits in the Guinea Pig Sclera. <i>Current Eye Research</i> , 2017, 42, 857-863.	0.7	9
17	Integrin signaling in atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2263-2282.	2.4	99
18	Paclitaxel nanoparticle awakens immune system to fight against cancer. <i>Nanoscale</i> , 2017, 9, 6529-6536.	2.8	37

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19	The Upregulation of Integrin $\alpha$ <sub>5</sub> $\beta$ <sub>1</sub> (CD11d/CD18) on Inflammatory Macrophages Promotes Macrophage Retention in Vascular Lesions and Development of Atherosclerosis. <i>Journal of Immunology</i> , 2017, 198, 4855-4867.	0.4	56
20	Integrin $\alpha$ -Mediated Interactions Control Macrophage Polarization in 3D Hydrogels. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700289.	3.9	169
21	Integrin $\alpha$ <sub>5</sub> $\beta$ <sub>1</sub> is differently expressed by subsets of human osteoclast precursors and mediates adhesion of classical monocytes to bone. <i>Experimental Cell Research</i> , 2017, 350, 161-168.	1.2	9
22	CD11d $\alpha$ <sub>5</sub> $\beta$ <sub>1</sub> integrin expression on human NK, B, and $\gamma$ $\delta$ T cells. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1029-1035.	1.5	10
23	$\alpha$ <sub>5</sub> $\beta$ <sub>1</sub> Integrins As Regulators of Dendritic Cell, Monocyte, and Macrophage Function. <i>Frontiers in Immunology</i> , 2017, 8, 1866.	2.2	170
24	Distinct Migratory Properties of M1, M2, and Resident Macrophages Are Regulated by $\alpha$ <sub>5</sub> $\beta$ <sub>1</sub> and $\alpha$ <sub>4</sub> $\beta$ <sub>1</sub> Integrin-Mediated Adhesion. <i>Frontiers in Immunology</i> , 2018, 9, 2650.	2.2	96
25	Hemodialysis-related changes in phenotypical features of monocytes. <i>Scientific Reports</i> , 2018, 8, 13964.	1.6	26
26	Integrin $\alpha$ <sub>5</sub> $\beta$ <sub>1</sub> (CD11d/CD18) Modulates Leukocyte Accumulation, Pathogen Clearance, and Pyroptosis in Experimental <i>Salmonella Typhimurium</i> Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1128.	2.2	10
27	Inhibition of integrin $\alpha$ <sub>5</sub> $\beta$ <sub>1</sub> -mediated macrophage adhesion to end product of docosahexaenoic acid (DHA) oxidation prevents macrophage accumulation during inflammation. <i>Journal of Biological Chemistry</i> , 2019, 294, 14370-14382.	1.6	14
28	Biophysical regulation of macrophages in health and disease. <i>Journal of Leukocyte Biology</i> , 2019, 106, 283-299.	1.5	79
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30	Biomechanical Contributions to Macrophage Activation in the Tumor Microenvironment. <i>Frontiers in Oncology</i> , 2020, 10, 787.	1.3	40
31	Biology of the human blood-nerve barrier in health and disease. <i>Experimental Neurology</i> , 2020, 328, 113272.	2.0	40
32	Decellularized scaffold and its elicited immune response towards the host: the underlying mechanism and means of immunomodulatory modification. <i>Biomaterials Science</i> , 2021, 9, 4803-4820.	2.6	26
33	Frontline Science: The expression of integrin $\alpha$ <sub>5</sub> $\beta$ <sub>1</sub> (CD11d/CD18) on neutrophils orchestrates the defense mechanism against endotoxemia and sepsis. <i>Journal of Leukocyte Biology</i> , 2021, 109, 877-890.	1.5	7
34	The role of $\alpha$ <sub>5</sub> $\beta$ <sub>1</sub> integrin in dendritic cell migration during infection. <i>BMC Immunology</i> , 2021, 22, 2.	0.9	13
35	PPAR $\gamma$ is essential for the development of bone marrow erythroblastic island macrophages and splenic red pulp macrophages. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	23
36	$\alpha$ <sub>5</sub> $\beta$ <sub>1</sub> Integrin-Mediated Susceptibility to <i>Paracoccidioides brasiliensis</i> Experimental Infection in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 622899.	1.8	2

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37	CLEC-2 Prevents Accumulation and Retention of Inflammatory Macrophages During Murine Peritonitis. <i>Frontiers in Immunology</i> , 2021, 12, 693974.	2.2	13
38	Integrin $\alpha$ <sub>2</sub> $\beta$ <sub>2</sub> (CD11d/CD18) Is Expressed by Human Circulating and Tissue Myeloid Leukocytes and Mediates Inflammatory Signaling. <i>PLoS ONE</i> , 2014, 9, e112770.	1.1	33
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41	Integrin Regulated Autoimmune Disorders: Understanding the Role of Mechanical Force in Autoimmunity. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 852878.	1.8	3
51	Modification of Extracellular Matrix by the Product of DHA Oxidation Switches Macrophage Adhesion Patterns and Promotes Retention of Macrophages During Chronic Inflammation. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	1
52	Mechanosensing in macrophages and dendritic cells in steady-state and disease. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	13
53	Repurposing Carbamazepine To Treat Gonococcal Infection in Women: Oral Delivery for Control of Epilepsy Generates Therapeutically Effective Levels in Vaginal Secretions. <i>Antimicrobial Agents and Chemotherapy</i> , 0, , .	1.4	1
54	Expansion of macrophage and liver sinusoidal endothelial cell subpopulations during non-alcoholic steatohepatitis progression. <i>IScience</i> , 2023, 26, 106572.	1.9	3