Multiplicity and plasticity of natural killer cell signaling

Blood 107, 2364-2372 DOI: 10.1182/blood-2005-08-3504

Citation Report

#	Article	IF	CITATIONS
1	The tryptophan catabolite l-kynurenine inhibits the surface expression of NKp46- and NKG2D-activating receptors and regulates NK-cell function. Blood, 2006, 108, 4118-4125.	0.6	323
2	Activation, coactivation, and costimulation of resting human natural killer cells. Immunological Reviews, 2006, 214, 73-91.	2.8	531
3	Dissecting natural killer cell activation pathways through analysis of genetic mutations in human and mouse. Immunological Reviews, 2006, 214, 92-105.	2.8	62
4	Many NK cell receptors activate ERK2 and JNK1 to trigger microtubule organizing center and granule polarization and cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6329-6334.	3.3	128
5	Non-T Cell Activation Linker (NTAL) Negatively Regulates TREM-1/DAP12-Induced Inflammatory Cytokine Production in Myeloid Cells. Journal of Immunology, 2007, 178, 1991-1999.	0.4	53
6	CD8 T Cell Help for Innate Antitumor Immunity. Journal of Immunology, 2007, 179, 6651-6662.	0.4	94
7	Activating Ly-49 Receptors Regulate LFA-1-Mediated Adhesion by NK Cells. Journal of Immunology, 2007, 178, 1261-1267.	0.4	21
8	CD160-activating NK cell effector functions depend on the phosphatidylinositol 3-kinase recruitment. International Immunology, 2007, 19, 401-409.	1.8	42
9	Comparative gene expression profiling of in vitro differentiated megakaryocytes and erythroblasts identifies novel activatory and inhibitory platelet membrane proteins. Blood, 2007, 109, 3260-3269.	0.6	153
10	NTAL/LAB/LAT2. International Journal of Biochemistry and Cell Biology, 2007, 39, 868-873.	1.2	22
11	Regulation of natural killer cell activity. Current Opinion in Immunology, 2007, 19, 46-54.	2.4	51
12	Natural killer cell trafficking in vivo requires a dedicated sphingosine 1-phosphate receptor. Nature Immunology, 2007, 8, 1337-1344.	7.0	375
13	NKG2D signaling is coupled to the interleukin 15 receptor signaling pathway. Nature Immunology, 2007, 8, 1345-1352.	7.0	145
14	Activating and inhibitory functions of DAP12. Nature Reviews Immunology, 2007, 7, 155-161.	10.6	205
15	Global Unresponsiveness as a Mechanism of Natural Killer Cell Tolerance in Mixed Xenogeneic Chimeras. American Journal of Transplantation, 2007, 7, 2090-2097.	2.6	25
16	A novel five-colour flow cytometric assay to determine NK cell cytotoxicity against neuroblastoma and other adherent tumour cells. Journal of Immunological Methods, 2007, 325, 140-147.	0.6	26
17	Line of attack: NK cell specificity and integration of signals. Current Opinion in Immunology, 2008, 20, 344-352.	2.4	183
18	Deletion of PI3K-p85α gene impairs lineage commitment, terminal maturation, cytokine generation and cytotoxicity of NK cells. Genes and Immunity, 2008, 9, 522-535.	2.2	28

		I REPORT	
#	Article	IF	CITATIONS
19	Up on the tightrope: natural killer cell activation and inhibition. Nature Immunology, 2008, 9, 495-502.	7.0	1,425
21	Natural killer cells: Detectors of stress. International Journal of Biochemistry and Cell Biology, 2008, 40, 2335-2340.	1.2	18
22	Strategies of Natural Killer (NK) Cell Recognition and Their Roles in Tumor Immunosurveillance. , 2008, , 37-81.		1
23	Distinct regulatory functions of SLP-76 and MIST in NK cell cytotoxicity and IFN-Â production. International Immunology, 2008, 20, 345-352.	1.8	17
24	Cell Type-Specific Regulation of ITAM-Mediated NF-κB Activation by the Adaptors, CARMA1 and CARD9. Journal of Immunology, 2008, 181, 918-930.	0.4	57
25	Natural killer cells in immunodefense against infective agents. Expert Review of Anti-Infective Therapy, 2008, 6, 867-885.	2.0	28
26	Sustained NKG2D engagement induces cross-tolerance of multiple distinct NK cell activation pathways. Blood, 2008, 111, 3571-3578.	0.6	154
27	Analysis of the linker for activation of T cells and the linker for activation of B cells in natural killer cells reveals a novel signaling cassette, dual usage in ITAM signaling, and influence on development of the Ly49 repertoire. Blood, 2008, 112, 2869-2877.	0.6	13
28	NK cell–activating receptors require PKC-Î, for sustained signaling, transcriptional activation, and IFN-γ secretion. Blood, 2008, 112, 4109-4116.	0.6	57
29	Costimulation of Dendritic Epidermal γδT Cells by a New NKG2D Ligand Expressed Specifically in the Skin. Journal of Immunology, 2009, 182, 4557-4564.	0.4	95
30	Engagement of transgenic Ly49A inhibits mouse CD4 cell activation by disrupting T cell receptor, but not CD28, signaling. Cellular Immunology, 2009, 257, 88-96.	1.4	2
31	Regulation of lymphocyte development and activation by the LAT family of adapter proteins. Immunological Reviews, 2009, 232, 72-83.	2.8	24
32	Current perspectives of natural killer cell education by MHC class I molecules. Nature Reviews Immunology, 2010, 10, 724-734.	10.6	195
33	Independent and Cooperative Roles of Adaptor Molecules in Proximal Signaling during FcεRI-Mediated Mast Cell Activation. Molecular and Cellular Biology, 2010, 30, 4188-4196.	1.1	20
34	Natural killer cells in cancer. , 2010, , 55-64.		0
35	The Linker for Activation of B Cells (LAB)/Non-T Cell Activation Linker (NTAL) Regulates Triggering Receptor Expressed on Myeloid Cells (TREM)-2 Signaling and Macrophage Inflammatory Responses Independently of the Linker for Activation of T Cells. Journal of Biological Chemistry, 2010, 285, 2976-2985.	1.6	25
36	Natural Killer Cells: Deciphering Their Role, Diversity and Functions. , 2010, , 1-38.		0
37	Signal Transduction During Activation and Inhibition of Natural Killer Cells. Current Protocols in Immunology, 2010, 90, Unit 11.9B.	3.6	118

CITATION REPORT

#	Article	IF	CITATIONS
38	Activation or Tolerance of Natural Killer Cells Is Modulated by Ligand Quality in a Nonmonotonic Manner. Biophysical Journal, 2010, 99, 2028-2037.	0.2	36
39	Innate or Adaptive Immunity? The Example of Natural Killer Cells. Science, 2011, 331, 44-49.	6.0	2,234
40	2B4 utilizes ITAM-containing receptor complexes to initiate intracellular signaling and cytolysis. Molecular Immunology, 2011, 48, 1149-1159.	1.0	14
41	The anti-tumoral drug enzastaurin inhibits natural killer cell cytotoxicity via activation of glycogen synthase kinase-31². Biochemical Pharmacology, 2011, 81, 251-258.	2.0	9
42	A tale of two TRAPs: LAT and LAB in the regulation of lymphocyte development, activation, and autoimmunity. Immunologic Research, 2011, 49, 97-108.	1.3	14
43	LAB/NTAL/ <i>Lat2</i> : a force to be reckoned with in all leukocytes?. Journal of Leukocyte Biology, 2010, 89, 11-19.	1.5	17
44	The Natural Killer Cell Cytotoxic Function Is Modulated by HIV-1 Accessory Proteins. Viruses, 2011, 3, 1091-1111.	1.5	17
45	Mechanisms of NK Cell-Macrophage Bacillus anthracis Crosstalk: A Balance between Stimulation by Spores and Differential Disruption by Toxins. PLoS Pathogens, 2012, 8, e1002481.	2.1	36
46	Molecular mechanisms of natural killer cell regulation. Frontiers in Bioscience - Landmark, 2012, 17, 1418.	3.0	16
47	Signaling for Synergistic Activation of Natural Killer Cells. Immune Network, 2012, 12, 240.	1.6	12
48	ADAPted secretion of cytokines in NK cells. Nature Immunology, 2013, 14, 1108-1110.	7.0	21
49	Uluran NIK Calla Calantina Tauratina af Calan Canada C ⁽¹ Initiatina Callas A Dala far Natural Cutatovisity		
	Human NK Cells Selective Targeting of Colon Cancer–Initiating Cells: A Role for Natural Cytotoxicity Receptors and MHC Class I Molecules. Journal of Immunology, 2013, 190, 2381-2390.	0.4	224
50	Murine natural killer immunoreceptors use distinct proximal signaling complexes to direct cell function. Blood, 2013, 121, 3135-3146.	0.4	224 32
50 51	Receptors and MHC Class I Molecules. Journal of Immunology, 2013, 190, 2381-2390. Murine natural killer immunoreceptors use distinct proximal signaling complexes to direct cell		
	Receptors and MHC Class I Molecules. Journal of Immunology, 2013, 190, 2381-2390. Murine natural killer immunoreceptors use distinct proximal signaling complexes to direct cell function. Blood, 2013, 121, 3135-3146.		32
51	 Receptors and MHC Class I Molecules. Journal of Immunology, 2013, 190, 2381-2390. Murine natural killer immunoreceptors use distinct proximal signaling complexes to direct cell function. Blood, 2013, 121, 3135-3146. Advances in Tumor Immunology and Immunotherapy. , 2014, , . Signaling in Effector Lymphocytes: Insights toward Safer Immunotherapy. Frontiers in Immunology, 	0.6	32 2
51 53	 Receptors and MHC Class I Molecules. Journal of Immunology, 2013, 190, 2381-2390. Murine natural killer immunoreceptors use distinct proximal signaling complexes to direct cell function. Blood, 2013, 121, 3135-3146. Advances in Tumor Immunology and Immunotherapy. , 2014, , . Signaling in Effector Lymphocytes: Insights toward Safer Immunotherapy. Frontiers in Immunology, 2016, 7, 176. Non-T cell activation linker (NTAL) proteolytic cleavage as a terminator of activatory intracellular 	0.6 2.2	32 2 29

CITATION REPORT

#	Article	IF	CITATIONS
57	The Folate Cycle As a Cause of Natural Killer Cell Dysfunction and Viral Etiology in Type 1 Diabetes. Frontiers in Endocrinology, 2017, 8, 315.	1.5	27
58	Differential Requirements for Src-Family Kinases in SYK or ZAP70-Mediated SLP-76 Phosphorylation in Lymphocytes. Frontiers in Immunology, 2017, 8, 789.	2.2	20
59	Natural killer cell cytotoxicity and its regulation by inhibitory receptors. Immunology, 2018, 154, 383-393.	2.0	150
60	Iron and Ferritin Modulate MHC Class I Expression and NK Cell Recognition. Frontiers in Immunology, 2019, 10, 224.	2.2	41
61	NK cell recognition of hematopoietic cells by SLAM-SAP families. Cellular and Molecular Immunology, 2019, 16, 452-459.	4.8	15
62	Assessment of NK cell-mediated cytotoxicity by flow cytometry after rapid, high-yield isolation from peripheral blood. Methods in Enzymology, 2020, 631, 277-287.	0.4	0
63	TAM receptors attenuate murine NK ell responses via E3 ubiquitin ligase Cblâ€b. European Journal of Immunology, 2020, 50, 48-55.	1.6	20
64	ZAP-70 Shapes the Immune Microenvironment in B Cell Malignancies. Frontiers in Oncology, 2020, 10, 595832.	1.3	14
65	Unique natural killer cell subpopulations are associated with exacerbation risk in chronic obstructive pulmonary disease. Scientific Reports, 2020, 10, 1238.	1.6	13
66	Inhibition of arginase modulates T-cell response in the tumor microenvironment of lung carcinoma. Oncolmmunology, 2021, 10, 1956143.	2.1	30
67	The Immune System in the Pathogenesis of Ovarian Cancer. Critical Reviews in Immunology, 2013, 33, 137-164.	1.0	55
68	Dap12. The AFCS-nature Molecule Pages, 0, , .	0.2	1
69	Activation of NK Cell Responses and Immunotherapy of Cancer. , 2014, , 57-66.		2
70	How Do T Cells Discriminate Self from Nonself?. , 2008, , 133-171.		0
72	Epigenetic regulation of natural killer cell memory*. Immunological Reviews, 2022, 305, 90-110.	2.8	17
74	The Direct Influence of Cytomegalovirus Lysate on the Natural Killer Cell Receptor Repertoire. Iranian Journal of Allergy, Asthma and Immunology, 2021, 20, 721-733.	0.3	1
80	Human NK cells responses are enhanced by CD56 engagement. European Journal of Immunology, 2022, 52, 1441-1451.	1.6	10
81	Inhibition of Glucose Uptake Blocks Proliferation but Not Cytotoxic Activity of NK Cells. Cells, 2022, 11, 3489.	1.8	3

ARTICLE

IF CITATIONS