

RayBio® Cytokine Antibody Array

Cytokine Full Names

	Cytokine	Full Name
1	6Ckine	6-Cysteine Chemokine
2	Activin A	EDF(erythroid differentiation factor), FRP(Follicle stimulating hormone releasing protein), Restrictin-P, WEHI-MIF(WEHI mesoderm inducing factor)
3	AGRP	Agouti related protein
4	ALCAM	Activated leukocyte cell adhesion molecule
5	Amphiregulin	Amphiregulin
6	ANG	Angiogenin
7	Angiopoietin-1	Angiopoietin-1
8	Angiopoietin-like Factor	Angiopoietin-like Factor
9	Angiostatin	Angiostatin
10	APRIL	A proliferation-inducing ligand
11	AXL	A protein tyrosine kinase also called UFO or ark . The ligand for this receptor is GPF (growth-potentiating factor). The ligand is called also axl stimulatory factor, which is identical with one of the gas genes , gas-6 .
12	B7-1(CD80)	B7-1(CD80)
13	BAFF	B-cell-activating factor belonging to the TNF family
14	BDNF	Brain-derived neurotrophic factor
15	Betacellulin	Betacellulin
16	beta-Galactosidase	beta-Galactosidase
17	beta-NGF	Nerve growth factor-beta
18	bFGF	Basic fibroblast growth factor
19	BLC	B-lymphocyte chemoattractant
20	BMP-2	Bone morphogenetic proteins -2
21	BMP-4	Bone morphogenetic proteins -4
22	BMP-5	Bone morphogenetic proteins -5
23	BMP-6	Bone morphogenetic proteins -6
24	BMP-7	Bone morphogenetic proteins -7
25	BTC	Betacellulin
26	CCL28	CCK-1
27	CD27	Cluster of Differentiation 27

28	CD30	Cluster of Differentiation 30
29	CD40	Cluster of Differentiation 40
30	CD40 Ligand	Cluster of Differentiation 40 ligand
31	Ck beta 8-1	Chemokine-beta-8
32	CNTF	Ciliary neuronotrophic factor, ciliary neurotrophic factor
33	Cripto-1	CRGF (Cripto growth factor)
34	CTACK	CTAC (Cuteaneous T-Cell Attracting Chemokine); Skinkine; Eskine
35	CTLA-4	Cytotoxic T-lymphocyte associated antigen 4
36	CXCL16	CXC Chemokine ligand 16
37	Dkk-4	Dickkopf-1
38	DR6	Death Receptor 6
39	Dtk	Developmental tyrosine kinase
40	EGF	Epidermal growth factor
41	EGR-R	Epidermal growth factor related protein
42	ENA-78	Epithelial neutrophil-activating protein 78, epithelial cell- derived neutrophil attractant-78
43	Endostatin	Endostatin
44	Eotaxin	Eotaxin
45	Eotaxin-2	MPIF-2 (Myeloid progenitor inhibitory factor-2), Chemokine-beta-6
46	Eotaxin-3	MIP-4-alpha (macrophage inflammatory protein-4- alpha), TSC-1 (thymic stroma chemokine-1)
47	Erythropoietin	Erythropoietin
48	E-Selectin	E-Selectin
49	Fas	Fas/TNFRSF6
50	Fas Ligand	FasL, CD95 ligand, Apo-1 ligand
51	FGF-17	Fibroblast growth factor-17
52	FGF-18	Fibroblast growth factor-18
53	FGF-19	Fibroblast growth factor-19
54	FGF-2 monoclonal antiboc	Fibroblast growth factor-2
55	FGF-4	Fibroblast growth factor-4
56	FGF-6	Fibroblast growth factor-6
57	FGF-7	Fibroblast growth factor-7
58	FGF-8	Fibroblast growth factor-8
59	FGF-9	Fibroblast growth factor-9
60	Flt-3 Ligand	fms-like tyrosine kinase-3 Ligand (also known as STK- 1 Ligand)
61	Follistatin	Follicle stimulating hormone suppressing protein (FSP)
62	Fractalkine	FKN or FK
63	GCP-2	Granulocyte Chemotactic Protein 2

64	GCSF	Granulocyte-colony Stimulating Factor
65	GDF-15	growth/differentiation factor-15
66	GDNF	Glial-derived Neurotrophic Factor
67	GITR	Glucocorticoid induced tumor necrosis factor receptor
68	GITR-Ligand	Glucocorticoid induced tumor necrosis factor receptor
69	GM-CSF	Granulocyte-macrophage colony stimulating factor
70	GRO	Growth Related Oncogene
71	GRO-a	Growth Related Oncogene-Alpha
72	HB-EGF	Heparin-binding Epidermal Growth factor
73	HCC-4	Hemofiltrate CC Chemokine 4
74	HGF	Hematopoietic growth factors, hepatocyte growth factor
75	HPTA	Hepatopoeitin A
76	HRG	Heregulin/NDF/GGF/Neuregulin
77	HRG-alpha	Heregulin/NDF/GGF/Neuregulin
78	HRG-beta	Heregulin/NDF/GGF/Neuregulin
79	HVEM	Herpesvirus entry mediator
80	I-309	I-309
81	ICAM-1	Intercellular Adhesion Molecule 3
82	ICAM-2	Intercellular Adhesion Molecule 3
83	ICAM-2	Intracellular Adhesion Molecule 2
84	ICAM-3	Intercellular Adhesion Molecule 3
85	IFN-alpha	Interferon alpha
86	IFN-beta	Interferon beta
87	IFN-gamma	Interferon gamma
88	IFN-omega	Interferon omega
89	IGFBP-1	Insulin-like growth factor binding proteins 1
90	IGFBP-2	Insulin-like growth factor binding proteins 2
91	IGFBP-3	Insulin-like growth factor binding proteins 3
92	IGFBP-4	Insulin-like growth factor binding proteins 4
93	IGFBP-6	Insulin-like growth factor binding proteins 6
94	IGF-I SR	Insulin like growth factor I soluble receptor
95	IGF-I	Insulin-like growth factor-1
96	IGF-II	Insulin-like growth factor II
98	IL-1 R1	Interleukin 1 receptor-related protein-1
99	IL-1 R4/ST2	Interleukin 1 receptor 4, also known as ST2
100	IL-10	Interleukin 10
101	IL-10 R alpha	Interleukin 10 soluble receptor alpha
102	IL-10 R beta	Interleukin 10 receptor beta
103	IL-11	Interleukin 11
104	IL-12	Interleukin 12

105	IL-12 p40	Interleukin 12p40
106	IL12p70	Interleukin 12p70
107	IL-13	Interleukin 13
108	IL-15	Interleukin 15
109	IL-16	Interleukin 16
110	IL-17	Interleukin 17
111	IL-18 BP _a	Interleukin 18 binding protein A
112	IL-18 R α	Interleukin 18 receptor α
113	IL-18 R β	Interleukin 18 receptor β
114	IL-18	Interleukin 18
115	IL-1 _a	Interleukin 1 α
116	IL-1 _b	Interleukin 1 β
117	IL-1 _{ra}	Interleukin 1 receptor antagonist
118	IL-2	Interleukin 2
119	IL-2 R α	Interleukin 2 soluble receptor α
120	IL-2 R β	Interleukin 2 soluble receptor β
121	IL-2 R γ	Interleukin 2 receptor γ
122	IL-21 R	Interleukin 21 receptor
123	IL-3	Interleukin 3
124	IL-4	Interleukin 4
125	IL-5	Interleukin 5
126	IL-5 R α	Interleukin 5 receptor α
127	IL-6	Interleukin 6
128	IL-7	Interleukin 7
129	IL-8	Interleukin 8
130	IL-9	Interleukin 9
131	IL-9 R	Interleukin 9 receptor
132	Inhibin A	Inhibin A
133	Inhibin B	Inhibin B
134	IP-10	IFN - inducible Protein 10, Immune Protein 10
135	I-TAC	Interferon-inducible T cell α Chemoattractant
136	KC	Murine KC and human GRO- α are homologs, KC is known also as N51, CXCL1, SCYB1
137	LAP	Liver activator protein
138	TGF-LAP	Tumor growth factor - latency associated peptide
139	LT-BP-1	Latent TGF- β binding protein 1
140	LECT2	Leukocyte cell-derived chemotaxin-2
141	LEPTIN	LEPTIN
142	LFA-1 α	Lymphocyte function-associated antigen 1 α
143	LIF	Leukemia Inhibitory Factor
144	LIGHT	LIGHT
145	LIX	LPS induced C-X-C chemokine

146	L-Selectin	L-Selectin
147	Lymphotactin	Lymphotactin
148	MAC-1	Macrophage galactose-specific lectin-1
149	MMP-13	Matrix Metalloproteinase 13
150	MMP-19	Matrix Metalloproteinase 19
151	MCP-1	Monocyte Chemoattractant Protein 1
152	MCP-2	Monocyte Chemoattractant Protein 2
153	MCP-3	Monocyte Chemoattractant Protein 3
154	MCP-4	Monocyte Chemoattractant Protein 4
155	MCSF	Macrophage-colony Stimulating Factor
156	M-CSF R	Macrophage colony stimulating factor receptor
157	MDC	Macrophage-derived Chemokine
158	MIF	Macrophage Migration Inhibitory Factor
159	MIG	Monokine induced by gamma interferon
160	MIP-1a	Macrophage Inflammatory Protein 1 alpha
161	MIP-1b	Macrophage Inflammatory Protein 1 beta
162	MIP-1d	Macrophage Inflammatory Protein 1delta
163	MIP-2	Macrophage Inflammatory Protein 2
164	MIP-3 alpha	Macrophage Inflammatory Protein 3 alpha
165	MIP-3 beta	Macrophage Inflammatory Protein 3 beta
166	MMP-1	Matrix Metalloproteinase 1
167	MMP-10	Matrix Metalloproteinase 10
168	MMP-11 (Stromelysin-3)	Matrix Metalloproteinase 11
169	MMP-12	Matrix Metalloproteinase 12
170	MMP-13	Matrix Metalloproteinase 13
171	MMP-14	Matrix Metalloproteinase 14
172	MMP-2	Matrix Metalloproteinase 2
173	MMP-20	Matrix Metalloproteinase 20
174	MMP-3	Matrix metalloproteinase 3
175	MMP-7	Matrix Metalloproteinase 7
176	MMP-8	Matrix Metalloproteinase 8
177	MMP-9	Matrix Metalloproteinase 9
178	MPIF-1	Myeloid Progenitor Inhibitory Factor 1
179	MSP a-chain	Macrophage stimulating protein a-chain
180	MSP b-chain	Macrophage stimulating protein b-chain
181	NAP-2	Neutrophil Activating Peptide 2
182	NGF	Nerve growth factor
183	NGF R	Nerve growth factor receptor
184	NT-3	Neurotrophin-4
185	NT-4	Neurotrophin-3
186	OPG	Osteoprotegerin
187	OSM	Oncostatin M

188	PARC	Pulmonary and Activation-Regulated Chemokine
189	PDGF R alpha	Platelet-derived growth factor receptor alpha
190	PDGF R beta	Platelet-derived growth factor receptor beta
191	PDGF-AA	Platelet-derived Growth Factor AA
192	PDGF-BB	Platelet-derived Growth Factor BB
193	PECAM-1	Platelet endothelial cell adhesion molecule
194	PF4	Platelet factor 4
195	PIGF	Placenta growth Factor
196	Prolactin	Prolactin
197	P-selectin	P-selectin
198	RANTES	Regulated upon activation, normal T-cell expressed, and presumably secreted
199	SCF	Stem Cell Factor
200	SCF R	Stem cell factor receptor
201	SDF-1	Stromal cell-derived factor
202	SLPI	Secretory leukocyte protease inhibitor
203	SMDF	Sensory and Motor Neuron-derived Factor
204	SPARC	Osteonectin
205	ST2	Interleukin 1 receptor 4
206	TARC	Thymus and Activation-Regulated Chemokine
207	TECK	Thymus-expressed Chemokine
208	TGFa	Tumor Necrosis Factor Alpha
209	TGF-a	Transforming growth factor alpha
210	TGF-beta 1	Tumor Necrosis Factor beta1
211	TGF-beta 2	Tumor Necrosis Factor beta2
212	TGF-beta 3	Tumor Necrosis Factor beta3
213	Thrombospondin (TSP)	Thrombospondin
214	Thymopoietin	Thymopoietin (Tpo)
215	Tie-1	Tyrosine kinase with Ig and EGF homology domains 1
216	Tie-2	Tyrosine kinase with immunoglobulin and epidermal growth factor homology domain 2
217	TIMP-1	Tissue inhibitor of metalloproteinases-1
218	TIMP-2	Tissue inhibitor of metalloproteinases-2
219	TIMP-3	Tissue inhibitor of metalloproteinase-3
220	TIMP-3	Tissue inhibitor of metalloproteinases-3
221	TIMP-4	Tissue inhibitor of metalloproteinase-4
222	TNF-a	Tumor necrosis factor-alpha
223	TNF-b	Tumor necrosis factor-beta
224	TPO	Thrombopoietin
225	TRAIL R1	TNF-related apoptosis-inducing ligand receptor 1

226	TRAIL R2	TNF-related apoptosis-inducing ligand receptor 2
227	TRAIL	TNF-related apoptosis inducing ligand
228	TRANCE	Tumor necrosis factor-related activation-induced cytokine
229	TSLP	Thymic stromal derived lymphopoietin
230	uPA	Urokinase plasminogen activator Ab
231	uPAR	Urokinase plasminogen activator receptor
232	VCAM-1	Vascular cell adhesion molecule (VCAM-1, CD106, or INCAM-110)
233	VE-Cadherin	Vascular epithelial cadherin
234	VEGF	Vascular Endothelial Growth Factor
235	VEGF R2	Vascular endothelial growth factor receptor 2
236	VEGF R3	Vascular endothelial growth factor receptor 3
237	VEGF-B	Vascular Endothelial Growth Factor B
238	VEGF-C	Vascular Endothelial Growth Factor C
239	VEGF-D	Vascular Endothelial Growth Factor D
240	VEGI	Vascular endothelial growth inhibitor