

Specificity	Reactivity	Clone	In Vitro (Range)	In Vitro References	In Vivo (Range)	In Vivo References
Mouse Antibodies						
IL-1α	Mouse	ALF-161	1-100 µg/ml	1. Fuhl-brigge, R.C., et al., 1998. <i>J. Immunol.</i> 141:2643 2. Rogers, H.W., et al., 1992. <i>Proc. Natl. Acad. Sci. USA</i> 89:1011.	200 µg i.p./animal	Rogers, H.W., et al., 1992. <i>Proc. Natl. Acad. Sci. USA</i> 89:1011.
IL-1β	Mouse	B122	1-100 µg/ml	1. Rogers, H.W., et al., 1992. <i>Proc. Natl. Acad. Sci. USA</i> 89:1011. 2. Hogquist, K.A., et al., 1991. <i>J. Immunol.</i> 146:1534	200 µg i.p./animal	Rogers, H.W., et al., 1992. <i>Proc. Natl. Acad. Sci. USA</i> 89:1011.
IL-2	Mouse	JES6-1A12	1-20 µg/ml	Oh, S., et al., 2000. <i>J. Virol.</i> 74:5460	100 µg i.v./animal	Baxevaris, C.N., et al., 2003. <i>J. Immunol.</i> 171:2953
IL-2	Mouse	JES6-5H4	10 µg/ml	Lohning, M., et al., 2003. <i>Proc. Natl. Acad. Sci. USA</i> 100:12307		
IL-3	Mouse	MP2-8F8			2 mg/animal	Min, B., et al., 2004. <i>J. Exp. Med.</i> 200:507.
IL-4	Mouse	11B11	1 µg/ml	Oh, S., et al., 2000. <i>J. Virol.</i> 74:5460	1 mg i.p./animal	1. Webb, D.C., et al., 2000. <i>J. Immunol.</i> 165:108 2. LeMoine, A., et al., 1999. <i>J. Clin. Invest.</i> 103:1659
IL-5	Mouse	TRFK5	0.5 µg/ml	Binder, C.J., et al., 2004. <i>J. Clin. Invest.</i> 114:427	50 µg– 1 mg i.p./animal or mg/kg i.v./animal	1. Sitkauskienė, B., et al., 2005. <i>Respiratory Res.</i> 6:33 2. Webb, D.C., et al., 2000. <i>J. Immunol.</i> 165:108 3. LeMoine, A., et al., 1999. <i>J. Clin. Invest.</i> 103:1659 4. Blyth, D. I., et al., 2000. <i>Am. J. Respir. Cell Mol. Biol.</i> 23:241
IL-6	Mouse	MP5-20F3	10 µg/ml	Rogers, H.W., et al., 1992. <i>Proc. Natl. Acad. Sci. USA</i> 89:1011.		
IL-9	Mouse	D9302C12			100 µg i.p./animal	Sit-kauskienė, B., et al., 2005. <i>Respiratory Res.</i> 6:33
IL-10	Mouse	JES5-2A5	1–10 µg/ml	1. Oh, S., et al., 2000. <i>J. Virol.</i> 74:5460 2. Lohning, M., et al., 2003. <i>Proc. Natl. Acad. Sci. USA</i> 100:12307	1 mg i.p./animal	Deepe, G.S., Jr., et al., 1999. <i>J. Immunol.</i> 163:4985.
IL-10	Mouse	JES5-16E3	10–20 µg/ml	1. Tang, Q., et al., 2004. <i>Eur. J. Immunol.</i> 34:2996 2. Iwasaki, A., et al., 1999. <i>J. Exp. Med.</i> 190:229.		
IL-12/23 p40	Mouse	C17.8	5-20 µg/ml	1. Lohning, M., et al., 2003. <i>Proc. Natl. Acad. Sci. USA</i> 100:12307 2. Reichmann, G., et al., 1999. <i>J. Immunol.</i> 163:3354.	1 mg i.p./animal	Blackwell, N.M., et al., 2001. <i>Infect. Immun.</i> 69:3860.
IL-17	Mouse	TC11-18H10.1			2 mg/animal	Yen, D., et al., 2006. <i>J. Clin. Invest.</i> 116: 1310.
GM-CSF	Mouse	MP1-22E9	10 µg/ml	Fontt, E.O., et al., 1998. <i>Infect. Immun.</i> 66:2722.	500 µg i.p./animal	1. Deepe, G.S., Jr., et al., 1999. <i>J. Immunol.</i> 163:4985. 2. Wutrich, M., et al., 2002. <i>J. Immunol.</i> 169:6969
IFN-γ	Mouse	R4-6A2	1-15 µg/ml	1. Oh, S., et al., 2000. <i>J. Virol.</i> 74:5460; 2. Ohkusu-Tsukada, K., et al., 2004. <i>Mol. Cell Biol.</i> 24:6957.	500 µg mg i.p./animal	1. Hargrave, S.L., et al., 2004. <i>Invest. Ophthalmol. Vis. Sci.</i> 45:1188 2. Chaudhri, G., et al., 2004. <i>Proc. Natl. Acad. Sci. USA</i> 101:9057.
IFN-γ	Mouse	XMG1.2		Stassen, M., et al., 2004. <i>J. Immunol.</i> 173:267.	300 µg–mg i.v. or i.p./animal	1. Wutrich, M., et al., 2002. <i>J. Immunol.</i> 169:6969 2. Zhong, W., et al., 2001. <i>J. Immunol.</i> 167:1379.
MCP-1	Mouse	2H5	2.5–10 µg/ml	Luo, Y., et al., 1994. <i>J. Immunol.</i> 153:3708.	200 µg i.p./animal	Morrison, B.E., et al., 2003. <i>J. Clin. Invest.</i> 112:1862.
TNF-α	Mouse	MP6-XT22	25 µg/ml	Lahn, M., et al., 1998. <i>J. Immunol.</i> 160:5221.	1–2 mg i.v./animal	1. Via, C.S., et al., 2001. <i>J. Immunol.</i> 167:8821 2. Chaudhri, G., et al., 2004. <i>Proc. Natl. Acad. Sci. USA</i> 101:9057.
TNF-α	Mouse	TN3-19.12	5 µg/ml	Kasahara, S., et al., 2003. <i>J. Virol.</i> 77:2469.	100–500 µg i.p./animal	1. Yang, X.-D., et al., 1994. <i>J. Exp. Med.</i> 180:995 2. Williams, R.O., et al., 1992. <i>Proc. Natl. Acad. Sci. USA</i> 89:9784.
VEGF-A	Mouse	2G11-2A05				Basu, A. et al. 2008. <i>Cancer Res.</i> 68:5689.

Human Antibodies

IL-2	Human	MQ1-17H12	20 µg/ml	Yi, Y., et al., 2000. <i>J. Immunol.</i> 165:6627.		
IL-3	Human	BVD8-3G11	20 µg/ml	Janke, M. et al. 2006. <i>Immunology</i> 118:353.		
IL-4	Human	MP4-25D2	5 µg/ml	Kim, J.R., et al., 2005. <i>BMC Immunol.</i> 6:3 Hoffmann, P., et al., 2004. <i>Blood</i> 104:895.		
IL-5	Human	JES1-39D10	0.1–1 µg/ml	Denburg, J.A., et al., 1991. <i>Blood</i> 77:1462.		
IL-5	Human	TRFK5		Li, Y., et al., 1998. <i>J. Immunol.</i> 161:7007.		
IL-6	Human	MQ2-13A5	1–5 µg/ml	Zou, J.-P., et al., 1999. <i>J. Immunol.</i> 162:4882 Wyant, T.L., et al., 1999. <i>Infect. Immun.</i> 67:1338.		
IL-9	Human	MH9A3	1 µg/ml	Gounni, A.S., et al., 2004. <i>J. Immunol.</i> 173:2771.		
IL-10	Human	JES3-19F1	0.5–10 µg/ml	Zou, J.-P., et al., 1999. <i>J. Immunol.</i> 162:4882 Akasaki, A., et al. 2004. <i>J. Immunol.</i> 173:4352.		
IL-10	Human	JES3-9D7	2 µg/ml	Othieno, C., et al., 1999. <i>Infect. Immun.</i> 67:5730.		
IL-12/23 p40	Human	C8.6	10 µg/ml	Liu, A., et al., 2005. <i>Blood</i> 105:1606.		
IL-12/23 p40	Human	C11.5	1–5 µg/ml	Bolovan-Fritts, C.A., et al., 2004. <i>J. Virol.</i> 78:13173		
IL-13	Human	JES10-5A2	10 µg/ml	Holden, N.J., et al. 2008. <i>Clin. Exp. Allergy</i> 38:1148.		
GM-CSF	Human	BVD2-23B6	1 µg/ml	Scheuerer, B., et al., 2000. <i>Blood</i> 95:1158.		
IFN-γ	Human	B27	20 µg/ml	Bolovan-Fritts, C.A., et al., 2004. <i>J. Virol.</i> 78:13173		
IFN-γ	Human	NIB42	1 µg/ml	Li, Y., et al., 1998. <i>J. Immunol.</i> 161:7007.		
MCP-1	Human	2H5	2.5–10 µg/ml	Luo, Y., et al., 1994. <i>J. Immunol.</i> 153:3708.		
TNF-α	Human	MAb1	1–5 µg/ml	Wyant, T. L., et al., 1999. <i>Infect. Immun.</i> 67:1338.		
TWEAK	Human	CARL-1	10 µg/ml	Nakayama, M., et al., 2000. <i>J. Exp. Med.</i> 192:1373.		

The concentration of antibody effective for neutralization depends on the target cell and conditions. The user should determine the specific concentration required for their application by performing a dose titration. Times for in vitro neutralization vary, but usually require 24–48 hrs of cell culture. In vivo neutralization usually requires multiple doses of antibody given over a period of time; the concentrations shown reflect the amount of antibody given in a single dose. Please refer to specific references for additional information.