

Rat IL-6 Monoclonal Antibody | anti-IL6 (Mouse) antibody

IL-6 (Mouse)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62636	Rat	Mouse. Does not react with human and rat.	Immunofluorescence, Flow Cytometry, Functional Assay, Neutralization Assay

PRODUCT SYNONYMS

IL-6; Monoclonal Antibody; IL-6 (Mouse); B cell differentiation factor; B-cell stimulatory factor 2 (BSF-2); CTL differentiation factor (CDF); Cytotoxic T cell differentiation factor; Hepatocyte stimulating factor; HPGF; HSF; Hybridoma growth factor (HGF); Hybridoma growth factor Interferon beta-2; Hybridoma plasmacytoma growth factor; IFN-beta-2; IFNB2; Interferon beta-2; Interleukin 6 (interferon beta 2); anti-IL6 (Mouse) antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse. Does not react with human and rat.
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	MP5-20F3
Specificity	IL-6 is a potent lymphoid cell growth factor that stimulates the growth and survivability of certain B-cells and T-cells. IL-6 plays a role in host defense, acute phase reactions, immune responses, and hematopoiesis. IL-6 is expressed by T-cells, B-cells, monocytes, fibroblasts, hepatocytes, endothelial cells and keratinocytes.
Form/Format	1.0mg/mL of Ab Purified from Bioreactor Concentrate by Protein A/G.
Sequence Length	211
Applicable Applications for anti-IL6 (Mouse) antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), NTRL (Neutralization)
Localization	Cytoplasmic and extracellular (secreted)
Positive Control	Mouse heart
Human Chromosomal Location	5 B1 (Mouse)
Immunogen	Recombinant mouse IL-6 protein
Cellular Localization	Cytoplasmic and extracellular (secreted)
Preparation and Storage	Antibody without azide store at -20°C to -80°C. Non-hazardous . No MSDS required.

ADDITIONAL INFORMATION

References	- Abrams J, et al. 1992. Immunol. Rev. 127:5. (ELISA Capture, Neut) - Sander B, et al. 1993. J. Immunol. Meth. 166:201. (ELISA Capture, Neut) - Abrams J, 1995. Curr. Prot. Immunol. John Wiley and Sons, New York. Unit 6.20. (ELISA Capture) - Litton M, et al. 1994. J. Immunol Meth. 175:47. (IHC) - Finkelman F, et al. 2003. Curr. Prot. Immunol. John Wiley & Sons, New York. Unit 6.28. (In Vivo Capture) - Starnes HF Jr, et al. 1990. J. Immunol. 145:4185. (Neut) - Riedemann NC, et al. 2003. J. Immunol. 170:503. (Neut) - Rochman I, et al. 2005. J. Immunol. 174:4761. (Neut) - O'Connell PJ, et al. 2006. Blood 107:1010. (ELISA Capture)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13624311
NCBI GeneID	16193
NCBI Accession #	NP_112445.1
NCBI GenBank Nucleotide #	NM_031168.1
UniProt Accession #	P08505; Q3UCQ0; Q8BN26
Molecular Weight	21kDa
NCBI Official Full Name	interleukin-6
NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	IL-6
NCBI Protein Information	interleukin-6; interleukin HP-1; B-cell hybridoma growth factor
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IL-6; IL-6
UniProt Entry Name	IL6_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/il-6-antibody-clone-mp5-20f3-immunofluorescence-flow-cytometry-neutralization-elisa/62636>