

Mouse IL-6 Monoclonal Antibody | anti-IL-6 antibody

mAb anti-Human IL-6

CATALOG # AAA77951	HOST Mouse	REACTIVITY Human. Other species not tested	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot, ELISA
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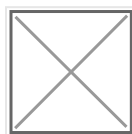
PRODUCT SYNONYMS

IL-6; Monoclonal Antibody; mAb anti-Human IL-6; Interleukin-6 (IL-6); Mouse monoclonal antibody to human interleukin-6 (IL-6); anti-IL-6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Other species not tested
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	8E10
Specificity	Reactive with recombinant human Interleukin-6 (IL-6). Reactivity with natural antigen has not been evaluated.
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS, pH 7.0
Sequence Length	212
Applicable Applications for anti-IL-6 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Target Protein	Human IL-6
Immunogen	Purified recombinant human IL-6
Myeloma	F0
Light Chain	Kappa
Reconstitution	Double distilled water is recommended to reconstitute the antibody.
Fusion Myeloma	F0
Research Area	Cytokine, growth factor, inflammatory and autoimmune diseases
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)

The antibody when used at 1:5,000 dilution (0.2ug/ml) recognizes 5ng/lane recombinant human IL-6 (rhIL-6) on blot. Lane 1 and 2: rhIL-6 loaded at 5ng/lane.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-6 antibody	Description: Mouse monoclonal antibody to human interleukin-6 (IL-6) background: IL-6, also called B-cell stimulatory factor-2 (BSF-2), is an important cytokine for the differentiation of B-cells into immunoglobulin-secreting cells. IL-6 is mainly produced by T-cells, macrophages and endothelial cells in response to pathogenic molecular stimuli during infection, trauma and the growth phase of some types of cancer. IL-6 is up-regulated by the binding of Toll-like receptors to antigen pattern ligands. In acute inflammatory phase, IL-6 causes increased body temperature by initiating synthesis of Prostaglandin E2 in hypothalamus.
Product Categories/Family for anti-IL-6 antibody	Primary Antibodies; Monoclonal Antibodies to Human Cytokines and Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	124347
NCBI GeneID	3569
NCBI Official Full Name	Interleukin-6
NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Official Synonym Symbols	HGF; HSF; BSF2; IL-6; IFNB2
NCBI Protein Information	interleukin-6; B-cell differentiation factor; B-cell stimulatory factor 2; BSF-2; CDF; CTL differentiation factor; IFN-beta-2; hybridoma growth factor; interferon beta-2; interferon, beta 2; interleukin BSF-2
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Entry Name	IL6_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/il-6-antibody-clone-8e10-flow-cytometry-western-blot-elisa/77951>