

Rabbit anti-Rat IL6 Monoclonal Antibody | anti-IL6 antibody

IL6 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282906	Rabbit	Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

IL6; Monoclonal Antibody; IL6 Rabbit mAb; ILg6; Ifnb2; anti-IL6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	FPTSQVRRGD FTEDTTHNRP VYTTSQVGGL ITYVLREILE MRKELCNGNS DCMNSDDALS ENNLKLPEIQ RNDGCFQTGY NQEICLLKIC SGLLEFRFYL EFVKNNLQDN KKDKARVIQS NTETLVHIFK QEIKDSYKIV LPTPTSNALL MEKLESQKEW LRTKTIQLIL KALEEFLKVT MRSTRQT
Applicable Applications for anti-IL6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Cross Reactivity	Human, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 25-211 of rat IL6 (NP_036721.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U-87MG cells using IL6 Rabbit mAb (AAA282906) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat lung using IL6 Rabbit mAb (AAA282906) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-IL6 antibody

Enables cytokine activity and interleukin-6 receptor binding activity. Involved in several processes, including cellular response to lipid; positive regulation of cell communication; and response to peptide hormone. Located in cytoplasm and extracellular space. Used to study several diseases, including acute necrotizing pancreatitis; disseminated intravascular coagulation; fatty liver disease; hypertension (multiple); and impotence. Biomarker of several diseases, including acute necrotizing pancreatitis; artery disease (multiple); auditory system disease (multiple); iron deficiency anemia; and lung disease (multiple). Human ortholog(s) of this gene implicated in several diseases, including autoimmune disease (multiple); eye disease (multiple); gastrointestinal system cancer (multiple); glucose metabolism disease (multiple); and periodontal disease (multiple). Orthologous to human IL6 (interleukin 6).

Product Categories/Family for anti-IL6 antibody	Antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7549769
NCBI GeneID	24498
NCBI Accession #	NP_036721.1
NCBI GenBank Nucleotide #	NM_012589.2
UniProt Accession #	P20607
Molecular Weight	Calculated MW: 24kDa
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IL-6; IL-6
UniProt Entry Name	IL6_RAT

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/il6-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/282906>