

Rabbit anti-Human IL6 Polyclonal Antibody | anti-IL6 antibody

IL6 Antibody (Center)

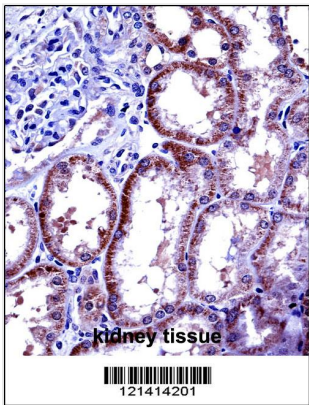
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285383	Rabbit	Human	Immunohistochemistry, Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

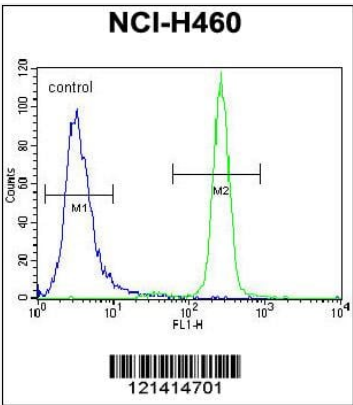
IL6; Polyclonal Antibody; IL6 Antibody (Center); Interleukin-6; IL-6; B-cell stimulatory factor 2; BSF-2; CTL differentiation factor; CDF; Hybridoma growth factor; Interferon beta-2; IFN-beta-2; IFNB2; anti-IL6 antibody

PRODUCT SPECIFICATIONS

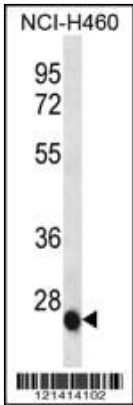
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IL6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-55 amino acids from the Central region of human IL6.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.44 (varies by lot)
Sequence Positions	27-55
Sequence Length	212
Applicable Applications for anti-IL6 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
IL6 Antibody (Center) (AAA285383)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of IL6 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



FCM/FACS (Flow Cytometry)
IL6 Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
IL6 Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the IL6 antibody detected the IL6 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-IL6 antibody	This gene encodes a cytokine that functions in inflammation and the maturation of B cells. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis.
Product Categories/Family for anti-IL6 antibody	Cancer; Immunology; Metabolism; Signal transduction
References	Perez, A.B., et al. Hum. Immunol. 71(11):1135-1140(2010) Weng, X.M., et al. Zhonghua Shi Yan He Lin Chuang Bing Du Xue Za Zhi 24(1):42-44(2010) Santhosh, S., et al. Trop Gastroenterol 31(1):30-33(2010) Gein, O.N., et al. Patol Fiziol Eksp Ter 1, 10-13 (2010) : Tuttolomondo, A., et al. Cardiovasc Diabetol 9, 50 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	10834984
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NCBI GeneID	3569
NCBI Accession #	NP_000591.1
NCBI GenBank Nucleotide #	NM_000600.3
UniProt Accession #	P05231; Q9UCU2; Q9UCU3; Q9UCU4
Molecular Weight	23718
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
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IFNB2; IL-6; BSF-2; CDF; IFN-beta-2
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/polyclonal/il6-antibody-immunohistochemistry-flow-cytometry-western-blot-elisa/285383>