

Rabbit anti-Human HLA-B Polyclonal Antibody | anti-HLA-B antibody

HLA-B Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174876	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

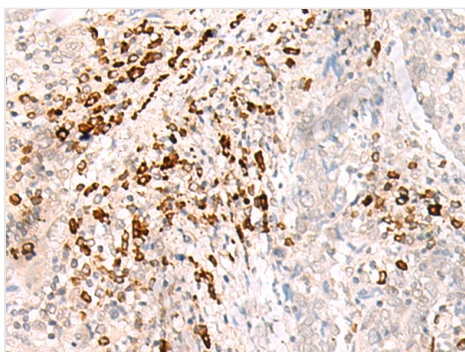
PRODUCT SYNONYMS

HLA-B; Polyclonal Antibody; HLA-B Polyclonal Antibody; 1B07; AS; B-4901; B-7 alpha chain; HC class I antigen SHCHA; HLA class I histocompatibility antigen; B alpha chain; HLA-B histocompatibility type; HLAB; Leukocyte antigen class I-B; Major histocompatibility complex; class I; B; MHC class 1 antigen; MHC class I antigen B*7; MHC class I antigen HLA-B alpha chain; MHC class I antigen HLA-B heavy chain; MHC Class I HLA heavy chain; MHC class I molecule; MHC HLA-B cell surface glycoprotein; MHC HLA-B transmembrane glycoprotein; SPDA1; anti-HLA-B antibody

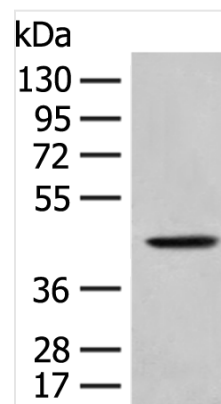
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.9mg/mL (varies by lot)
Sequence Length	181
Applicable Applications for anti-HLA-B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human HLA-B
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using HLA-B Polyclonal Antibody at dilution of 1:30(×200)


WB (Western Blot)

Western blot analysis of A549 cell lysate using HLA-B Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-HLA-B antibody	HLA-B belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. They are expressed in nearly all cells. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon 1 encodes the leader peptide, exon 2 and 3 encode the alpha1 and alpha2 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region and exons 6 and 7 encode the cytoplasmic tail. Polymorphisms within exon 2 and exon 3 are responsible for the peptide binding specificity of each class one molecule. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. Hundreds of HLA-B alleles have been described.
Product Categories/Family for anti-HLA-B antibody	Immunology; Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	2341083
NCBI GeneID	3106
UniProt Accession #	P01889
Molecular Weight	40 kDa
NCBI Official Full Name	HLA-B, partial
UniProt Protein Name	HLA class I histocompatibility antigen, B-7 alpha chain
UniProt Gene Name	HLA-B
UniProt Synonym Gene Names	HLAB
UniProt Entry Name	1B07_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hla-b-antibody-immunohistochemistry-western-blot-elisa/174876>