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- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

HLA-B purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003106-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description:	Mouse polyclonal antibody raised against a full-length human HLA-B protein.
Immunogen:	HLA-B (AAH13187.1, 1 a.a. ~ 362 a.a) full-length human protein.
Sequence:	MRVTAPRTVLLLLSGALALTETWAGSHSMRYFYTAMSRPGRGEPFRFISV GYVDDTQFVRFDSDAASPREEPRAPWIEQEGPEYWRNTQICKTNTQT YRESLRNLRGYYNQSEAGSHTLQRMYGCDVGPDRLLRGHDQYAYDG KDYIALNEDLSSWTAADTAAQITQRKWEAAREAEQLRAYLEGLCVEWLR RYLENGKETLQRADPPKTHVTHHPISDHEATLRCWALGFYPAEITLTWQ RDGEDQTQDELVETRPAGDRTFQKWAAVVPSGEEQRYTCHVQHEG LPKPLTLRWEPSQSSTIPVIGIVAGLAVLAWVIGAVVATVMCRKSSGGK GGSYSQAASSDSAQGSVDVSLTA
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

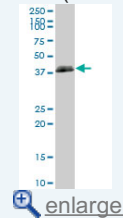
1. [A Viral Transporter Associated with Antigen Processing \(TAP\)-independent, High Affinity Ligand with Alternative Interactions Endogenously Presented by the Nonclassical Human Leukocyte Antigen E Class I Molecule.](#)
Lorente E, Infantes S, Abia D, Barnea E, Beer I, Garcia R, Lasala F, Jimenez M, Mir C, Morreale A, Admon A, Lopez D.J Biol Chem. 2012 Oct 12;287(42):34895-903. doi: 10.1074/jbc.M112.362293. Epub 2012 Aug 27.
2. [MULTIPLE VIRAL LIGANDS NATURALLY PRESENTED BY DIFFERENT CLASS I MOLECULES IN TRANSPORTER ANTIGEN PROCESSING-DEFICIENT VACCINIA VIRUS-INFECTED CELLS.](#)
Lorente E, Infantes S, Barnea E, Beer I, Garcia R, Lasala F, Jimenez M, Vilches C, Lemonnier FA, Admon A, Lopez D.J Virol. 2011 Oct 26.
3. [Allele-dependent Processing Pathways Generate the Endogenous Human Leukocyte Antigen \(HLA\) Class I Peptide Repertoire in Transporters Associated with Antigen Processing \(TAP\)-deficient Cells.](#)
Lorente E, Garcia R, Lopez D.J Biol Chem. 2011 Nov 4;286(44):38054-9. Epub 2011 Sep 13.

Applications

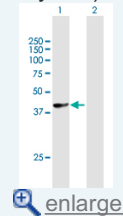
Western Blot (Tissue lysate)

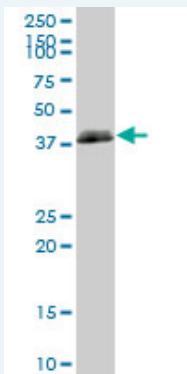
Application Image

Western Blot (Tissue lysate)



Western Blot (Transfected lysate)

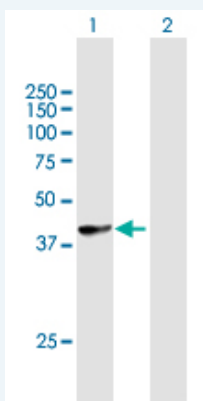




HLA-B MaxPab polyclonal antibody. Western Blot analysis of HLA-B expression in human spleen.

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of HLA-B expression in transfected 293T cell line ([H00003106-T01](#)) by HLA-B MaxPab polyclonal antibody.

Lane 1: HLA-B transfected lysate(39.82 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3106](#)

GeneBank [BC013187](#)

Accession#:

Protein [AAH13187.1](#)

Accession#:

Gene Name: HLA-B

Gene Alias: AS,HLA-B-7301,HLA-B73,HLAB,HLAC,SPDA1

Gene major histocompatibility complex, class I, B

Description:

Omim ID: [106300](#), [142830](#), [608579](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: HLA class I histocompatibility antigen, B alpha chain,HLA class I histocompatibility antigen, B-7 alpha chain,HLA class I histocompatibility antigen, Cw-5 alpha chain,HLA-B alpha chain (HLA-B*7301),MHC Class I HLA heavy chain,MHC HLA-B cell surface glycop

Gene Pathway

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