

HLA-B Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP20563a

Specification

HLA-B Antibody (N-term) - Product Information

Application IHC-P, WB,E Primary Accession P30464

Other Accession <u>P30488</u>, <u>P30486</u>, <u>P30483</u>, <u>P30479</u>, <u>Q04826</u>,

P30685, P30466

Reactivity
Host
Clonality
Polyclonal
Isotype
Rabbit IgG

HLA-B Antibody (N-term) - Additional Information

Other Names

HLA class I histocompatibility antigen, B-15 alpha chain, MHC class I antigen B*15, HLA-B, HLAB

Target/Specificity

This HLA-B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 75-107 amino acids from the N-terminal region of human HLA-B.

Dilution

IHC-P~~1:25 WB~~1:1000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HLA-B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HLA-B Antibody (N-term) - Protein Information

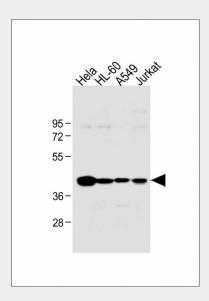
HLA-B Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

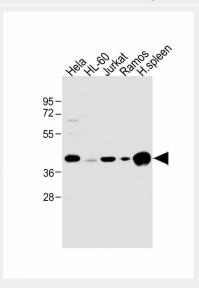


- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HLA-B Antibody (N-term) - Images

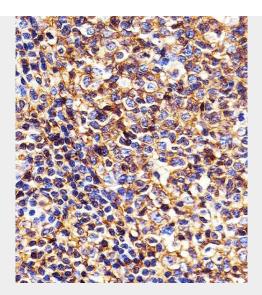


All lanes : Anti-HLA-B Antibody (N-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: HL-60 whole cell lysate Lane 3: A549 whole cell lysate Lane 4: Jurkat whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

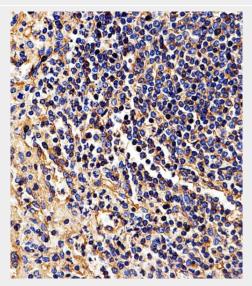


All lanes : Anti-HLA-B Antibody (N-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: HL-60 whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: Ramos whole cell lysate Lane 5: human spleen lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



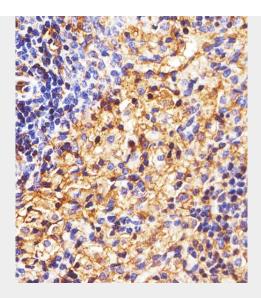


Immunohistochemical analysis of paraffin-embedded H. tonsil section using HLA-B Antibody (N-term)(Cat#AP20563a). AP20563a was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

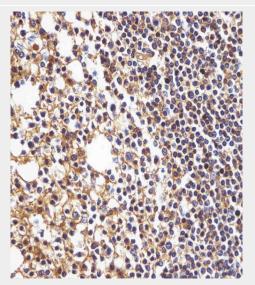


Immunohistochemical analysis of paraffin-embedded H. spleen section using HLA-B Antibody (N-term)(Cat#AP20563a). AP20563a was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.





Immunohistochemical analysis of paraffin-embedded R. spleen section using HLA-B Antibody (N-term)(Cat#AP20563a). AP20563a was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



AP20563a staining HLA-B in human tonsil tissue sections by Immunohistochemistry (IHC-P paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

HLA-B Antibody (N-term) - Background

Involved in the presentation of foreign antigens to the immune system.

HLA-B Antibody (N-term) - References

Little A.-M.,et al.Tissue Antigens 38:186-190(1991). Hildebrand W.H.,et al.Tissue Antigens 43:209-218(1994). Lin L.,et al.Tissue Antigens 47:265-274(1996). Madrigal J.A.,et al.J. Immunol. 149:3411-3415(1992). Watkins D.I.,et al.Nature 357:329-333(1992).