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HLA-B Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8616a

Product Information

Application	WB, IHC-P-Leica, FC, E
Primary Accession	P03989
Other Accession	P30490, P30488, P30487, P30486, P30485, P30483, P30481, P30479, Q04826, P18463, P30464, P30461
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB20998
Antigen Region	62-90

Additional Information

Other Names	HLA class I histocompatibility antigen, B-27 alpha chain, MHC class I antigen B*27, HLA-B, HLAB
Target/Specificity	This HLA-B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-90 amino acids from the N-terminal region of human HLA-B.
Dilution	WB~~1:1000 IHC-P-Leica~~1:500 FC~~1:25 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. 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.

Protein Information

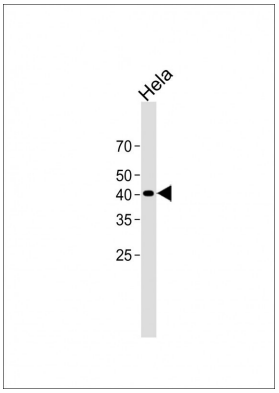
Background

HLA-B is involved in the presentation of foreign antigens to the immune system.

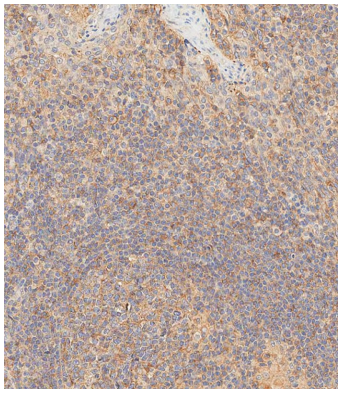
References

Higgins,C.M., et.al., Ann. Rheum. Dis. 51 (7), 855-862 (1992)
Guild,B.C.et.al., J. Biol. Chem. 259 (14), 9235-9240 (1984)
Orr,H.T., et.alt., Biochemistry 18 (25), 5711-5720 (1979)

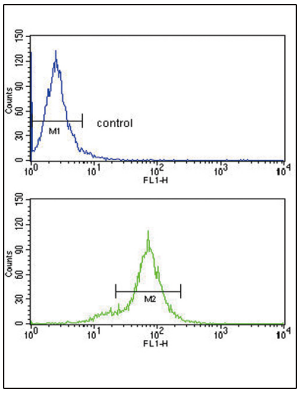
Images



All lanes: Anti-HLA-B Antibody (N-term) at 1:1000 dilution + Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 40 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using AP8616a performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



HLA-B Antibody (N-term) (Cat.#AP8616a) flow cytometry analysis of HepG2 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.