

For Research Use Only

HLA-DQB1 Polyclonal antibody

Catalog Number:32281-1-AP



Basic Information

Catalog Number: 32281-1-AP	GenBank Accession Number: BC012106	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 3119	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:500-1:2000
Source: Rabbit	UNIPROT ID: P01920	
Isotype: IgG	Full Name: major histocompatibility complex, class II, DQ beta 1	
Immunogen Catalog Number: AG34755	Calculated MW: 30 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : Daudi cells, Ramos cells IHC : human tonsillitis tissue,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

The HLA-DQB1 gene is part of the human leukocyte antigen (HLA) complex, which is involved in the immune system's ability to distinguish the body's own proteins from those made by foreign invaders such as viruses and bacteria. It belongs to the MHC class II genes, which provide instructions for making proteins present on the surface of certain immune system cells. These proteins attach to protein fragments (peptides) outside the cell and display them to the immune system. If the immune system recognizes the peptides as foreign, it triggers a response to attack the invading pathogens. .

Storage

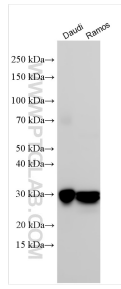
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

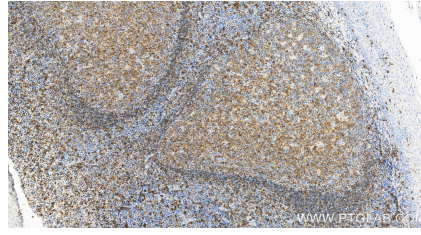
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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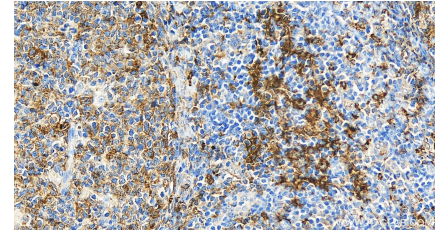
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32281-1-AP (HLA-DQB1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 32281-1-AP (HLA-DQB1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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