

For Research Use Only

HLA-DQB1 Polyclonal antibody

Catalog Number: 32281-1-AP



Basic Information

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|---|--|---|
| 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

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

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

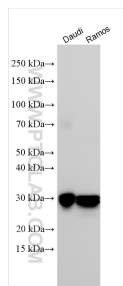
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

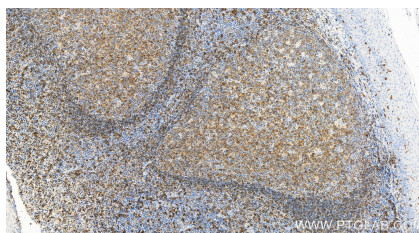
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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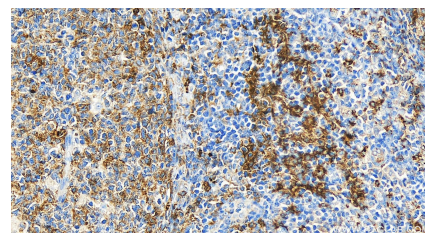
Selected Validation Data



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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