

For Research Use Only

# HLA-DQB1 Polyclonal antibody, PBS Only

Catalog Number: 32281-1-PBS



## Basic Information

Catalog Number:

32281-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34755

GenBank Accession Number:

BC012106

GeneID (NCBI):

3119

UNIPROT ID:

P01920

Full Name:

major histocompatibility complex, class II, DQ beta 1

Calculated MW:

30 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

## 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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

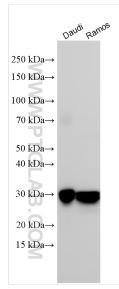
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

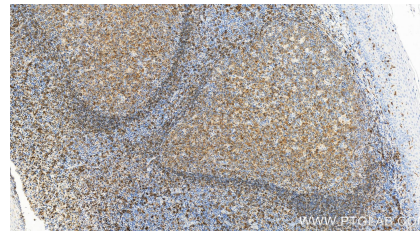
W: [ptgcn.com](http://ptgcn.com)

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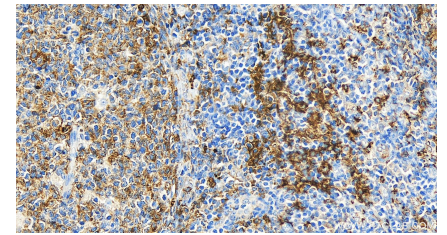
## Selected Validation Data



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. This data was developed using the same antibody clone with 32281-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 32281-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 32281-1-PBS in a different storage buffer formulation.