

A11652

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HLA-DQB2 Rabbit pAb

Catalog No.: A11652

Basic Information

Observed MW

Refer to Figures

Calculated MW

30kDa

Category

Polyclonal Antibody

Applications

WB,ELISA

Cross-Reactivity

Mouse

Background

HLA-DQB2 belongs to the family of HLA class II beta chain paralogs. Class II molecules are heterodimers consisting of an alpha (DQA) and a beta chain (DQB), both anchored in the membrane. They play a central role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). Polymorphisms in the alpha and beta chains specify the peptide binding specificity, and typing for these polymorphisms is routinely done for bone marrow transplantation. However this gene, HLA-DQB2, is not routinely typed, as it is not thought to have an effect on transplantation. There is conflicting evidence in the literature and public sequence databases for the protein-coding capacity of HLA-DQB2. Because there is evidence of transcription and an intact ORF, HLA-DQB2 is represented in Entrez Gene and in RefSeq as a protein-coding locus.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3120

Swiss Prot

P05538

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 28-227 of human HLA-DQB2 (NP_001185787.1).

Synonyms

DQB2; HLA-DXB; HLA-DQB1; HLA-DQB2

Contact



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Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.