

HLA-DQA1

Reactivity:Human

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:28kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human HLA-DQA1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HLA-DQA1; CD; CELIAC1; DQ-A1; GSE; HLA-DQA ; DQ alpha 1 chain; DC-1 alpha chain; DC-alpha; HLA-DCA ; MHC class II DQA1;

Catalog #:A2168

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:3117

Isotype:IgG

Swiss Prot:P01909

Purity:Affinity purification

For research use only.

Background:

HLA-DQA1 belongs to the HLA class II alpha chain paralogues. The class II molecule is a heterodimer consisting of an alpha (DQA) and a beta chain (DQB), both anchored in the membrane. It plays 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). The alpha chain is approximately 33-35 kDa. Within the DQ molecule both the alpha chain and the beta chain contain the polymorphisms specifying the peptide binding specificities, resulting in up to four different molecules (1).1. Entrez Gene: gene-centered information at NCBI. Nucleic Acids Res. 2005 Jan 1;33:D54-8.

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