



HLA-DQA1 Polyclonal Antibody

E92168

Catalog Number: E92168**Amount:** 100ul

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).

Species: Rabbit**Isotype:** IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: 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;

Immunogen: Recombinant protein of human HLA-DQA1

Purification: Affinity purification

Reactivity: H M R

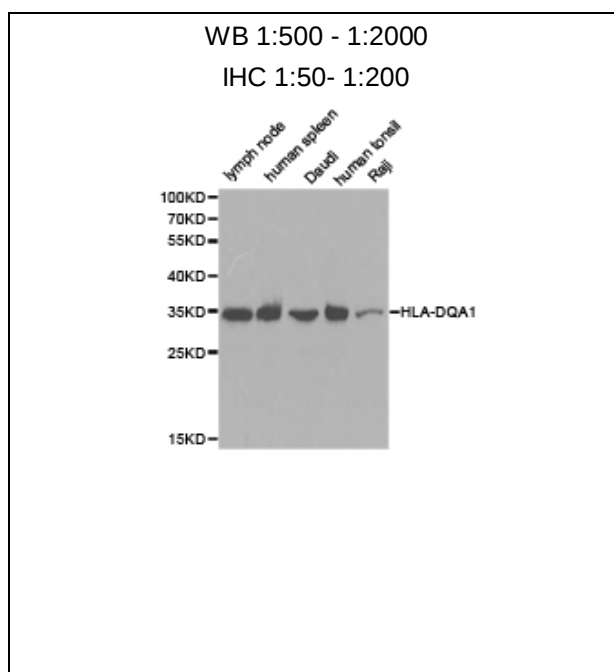
Applications: WB IHC

Molecular Weight: 28kDa

Swiss-Prot No. : P01909

Gene ID: 3117

References: 1. Entrez Gene: gene-centered information at NCBI. Nucleic Acids Res. 2005 Jan 1;33:D54-8.



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Western blot analysis of extracts of various cell lines,
using HLA-DQA1 antibody.