

HLA-DQA1 polyclonal antibody

Catalog: BS90647

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Major histocompatibility complex, class II, DQ alpha 1, also known as HLA-DQA1, is a human gene present on short arm of chromosome 6 (6p21.3) and also denotes the genetic locus which contains this gene. The protein encoded by this gene is one of two proteins that are required to form the DQ heterodimer, a cell surface receptor essential to the function of the immune system. HLA-DQA1 belongs to the HLA class II alpha chain paralogues. This 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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

28 kDa

Swiss-Prot:

P01909(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:5,000

IHC:1:50-1:200

IP:1:10-1:50

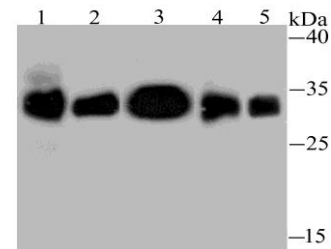
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

HLA-DQA1 polyclonal antibody detects endogenous levels of HLA-DQA1 protein.

DATA:

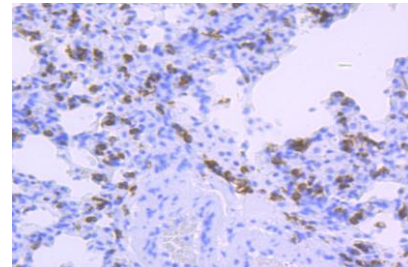


Western blot analysis of HLA-DQA1 on different lysates using anti-HLA-DQA1 antibody at 1/1,000 dilution. Positive control: Lane 1: Rat lung

Lane 2: Rat skin

Lane 3: Mouse thymus

Lane 4: Mouse spleen Lane 5: Raji



Immunohistochemical analysis of paraffin-embedded rat lung tissue using anti-HLA-DQA1 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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