

HLA-DR Recombinant antibody

Cat: B35077D

Company: HaoKebio

Uniprot ID: P01903

Applications: IHC:1:100-1:1000

Organism: Rabbit

IHC-Polymer:1:400-1:4000

Species reactivity: Human

IHC-TSA:1:500-1:5000

Molecular Weight Calculation: 29 kDa

IF:1:50

Observed Molecular Weight: 29 kDa

WB:1:1000-1:5000

Background:

HLA-DRA is one of the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha and a beta chain, 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 and its gene contains 5 exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, and exon 4 encodes the transmembrane domain and the cytoplasmic tail. DRA does not have polymorphisms in the peptide binding part and acts as the sole alpha chain for DRB1, DRB3, DRB4 and DRB5.

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Source of Reagents:

发表[中文论文]请标注:HLA-DR(B35077D)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:HLA-DR(B35077D) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

Protein full name:

Human Leukocyte Antigen DR

Synonyms:

HLA-DRA1

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Membrane

Purity:

Affinity purification

Form:

Liquid