For Research Use Only

HLA-DRB3 Polyclonal antibody

Catalog Number:16789-1-AP

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
16789-1-AP

Size:
150ul , Concentration: 400 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG10223

GenBank Accession Number:
BC008987

GeneID (NCBI):
3125

UNIPROT ID:
P79483

Full Name:
major histocompatibility complex, class II, DR beta 3

Calculated MW:
266 aa, 30 kDa

Observed MW:
28-30 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : Daudi cells, Raji cells, Ramos cells

Background Information

Human major histocompatibility complex (MHC) antigens, also referred to as human leukocyte antigens (HLA), are encoded by genes located on the short arm of chromosome 6 (6p21.3). There are two classes of HLA antigens: class I (HLA-A, B and C) and class II (HLA-D). The class II molecules are heterodimers consisting of an alpha (DRA) and a beta (DRB) chain. HLA-DRB3 is a beta chain of MHC class II molecule expressed on the surface of antigen presenting cells (APC) like B cells, macrophages, and dendritic cells (PMID: 30192820). It is involved in adaptive immune responses by presenting peptide antigens to CD4+ T cells (PMID: 19830726).

Storage

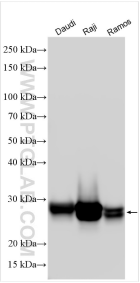
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16789-1-AP (HLA-DRB3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.