

For Research Use Only

HLA-DMB Recombinant antibody

Catalog Number: 82922-1-RR



Basic Information

Catalog Number: 82922-1-RR	GenBank Accession Number: BC027175	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3109	CloneNo.: 230123A3
Source: Rabbit	Full Name: major histocompatibility complex, class II, DM beta	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Calculated MW: 263 aa, 29 kDa	
Immunogen Catalog Number: AG16320	Observed MW: 31 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Raji cells, Daudi cells, Ramos cells
Species Specificity: Human	

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 composed of two non-covalently associated alpha and beta chains. HLA-DMA and HLA-DMB form a functional heterodimer that is critical in the pathway of class II antigen presentation. HLA-DM plays a critical role in catalyzing the release of Class II HLA-associated invariant chain-derived peptides (CLIP) from newly synthesized class II HLA molecules and freeing the peptide binding site for acquisition of antigenic peptides.

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

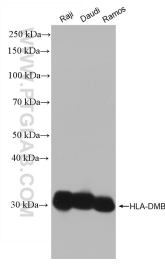
For technical support and original validation data for this product please contact:

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 82922-1-RR (HLA-DMB antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.