

HLA-DMA Recombinant antibody

Catalog Number: 82899-1-RR

Basic Information

Catalog Number: 82899-1-RR	GenBank Accession Number: BC026279	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 3108	CloneNo.: 230155D3
Source: Rabbit	UNIPROT ID: P28067	
Isotype: IgG	Full Name: major histocompatibility complex, class II, DM alpha	
Immunogen Catalog Number: AG2452	Calculated MW: 261 aa, 29 kDa	

Applications

Tested Applications:
ELISA

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

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

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