

HLA-DMA Recombinant antibody, PBS Only (Detector)

Catalog Number: 82899-1-PBS

Basic Information

Catalog Number: 82899-1-PBS	GenBank Accession Number: BC026279	Purification Method: Protein A purification
Size: 1mg/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:
Indirect ELISA, Cytometric bead array

Species Specificity:
Human

Background Information

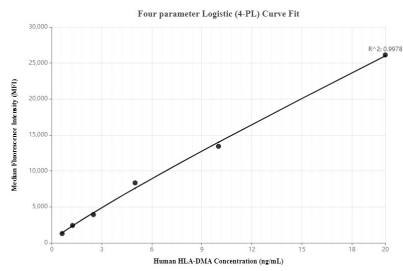
Human major histocompatibility complex (MHC) antigens, also referred to as human leukocyte antigens (HLA), are encoded by genes located on the short arm of chromosome 6 (6p21.3). There are two classes of HLA antigens: class I (HLA-A, B and C) and class II (HLA-D). The class II molecules are composed 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

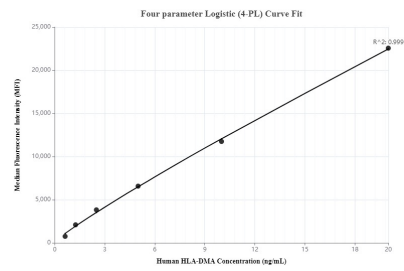
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
100% PBS pH 7.3

Selected Validation Data



Cytometric bead array standard curve ofMP00018-1, HLA-DMA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82899-5-PBS. Detection antibody: 82899-1-PBS. Standard: Ag2452. Range: 0.625-20 ng/mL



Cytometric bead array standard curve ofMP00018-3, HLA-DMA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82899-3-PBS. Detection antibody: 82899-1-PBS. Standard: Ag2452. Range: 0.625-20 ng/mL