

For Research Use Only

# HLA-DMA Recombinant antibody, PBS Only (Detector)



Catalog Number: 82899-1-PBS

## Basic Information

Catalog Number:

82899-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2452

GenBank Accession Number:

BC026279

GeneID (NCBI):

3108

UNIPROT ID:

P28067

Full Name:

major histocompatibility complex,  
class II, DM alpha

Calculated MW:

261 aa, 29 kDa

Purification Method:

Protein A purification

CloneNo.:

230155D3

## Applications

Tested Applications:

Cytometric bead array, 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 -80°C.

Storage Buffer:

100% PBS pH 7.3

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

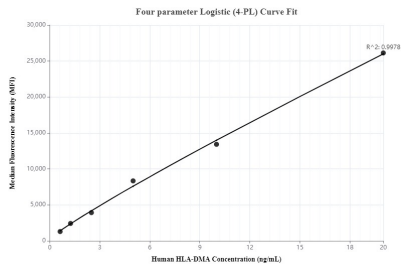
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

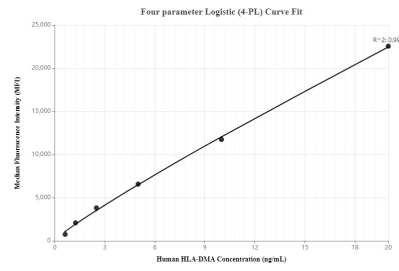
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Standard curve of MP00018-1 measured by cytometric bead array. Capture antibody: 82899-5-PBS. Detection antibody: 82899-1-PBS. Range: 0.625-20 ng/mL



Standard curve of MP00018-3 measured by cytometric bead array. Capture antibody: 82899-3-PBS. Detection antibody: 82899-1-PBS. Range: 0.625-20 ng/mL