

Datasheet for ABIN2788737  
**anti-HLA-DMA antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	HLA-DMA
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Rabbit, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLA-DMA antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HLA-DMA
Sequence:	GLSEAYDEDQ LFFDFDSQNT RVPRLPEFAD WAQEQGDAPA ILFDKEFCEW
Predicted Reactivity:	Dog: 77%, Human: 100%, Rabbit: 82%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against HLA-DMA. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	HLA-DMA
Alternative Name:	HLA-DMA ( <a href="#">HLA-DMA Products</a> )

## Target Details

Background:	<p>HLA-DMA belongs to the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DMA) and a beta chain (DMB), both anchored in the membrane. It is located in intracellular vesicles. DM plays a central role in the peptide loading of MHC class II molecules by helping to release the CLIP molecule from the peptide binding site. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The alpha chain is approximately 33-35 kDa and its gene contains 5 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and the cytoplasmic tail.</p> <p>Alias Symbols: D6S222E, DMA, HLADM, RING6</p> <p>Protein Interaction Partner: B3GAT1, U2AF2, RUNX1, UBC, CD82, HLA-DRB1, HLA-DOA, HLA-DRA, HLA-DMB, CD74,</p> <p>Protein Size: 261</p>
Molecular Weight:	29 kDa
Gene ID:	3108
NCBI Accession:	<a href="#">NM_006120</a> , <a href="#">NP_006111</a>
UniProt:	<a href="#">Q31604</a>
Pathways:	<a href="#">Cancer Immune Checkpoints</a> , <a href="#">Human Leukocyte Antigen (HLA) in Adaptive Immune Response</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 261 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

