

DNAxPAb

Hard-to-Find
Antibody

HLA-DMA DNAxPab

Catalog # H00003108-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human HLA-DMA DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — HLA-DMA

Entrez GeneID	3108
GeneBank Accession#	NM_006120.2
Protein Accession#	NP_006111.2
Gene Name	HLA-DMA
Gene Alias	D6S222E, DMA, HLADM, RING6
Gene Description	major histocompatibility complex, class II, DM alpha
Omim ID	142855
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000029242 OTTHUMP00000062997 class II histocompatibility antigen, M alpha chain

Pathway

- [Allograft rejection](#)
- [Antigen processing and presentation](#)
- [Asthma](#)
- [Autoimmune thyroid disease](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [Graft-versus-host disease](#)
- [Systemic lupus erythematosus](#)
- [Type I diabetes mellitus](#)

Disease

- [Acquired Immunodeficiency Syndrome](#)
- [AIDS-Related Opportunistic Infections](#)
- [Antiphospholipid Syndrome](#)
- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Condylomata Acuminata](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Seropositivity](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Measles](#)
- [Multiple Sclerosis](#)
- [Mycobacterium avium-intracellulare Infection](#)
- [Psoriasis](#)