

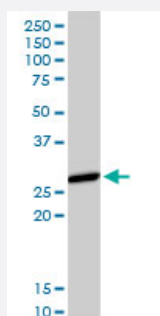
MaxPab®

HLA-DMA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003108-D01P

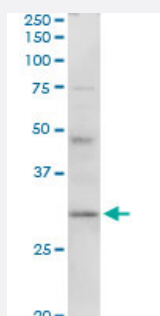
Size 100 ug

Applications



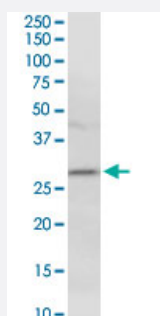
Western Blot (Tissue lysate)

HLA-DMA MaxPab rabbit polyclonal antibody. Western Blot analysis of HLA-DMA expression in mouse kidney.



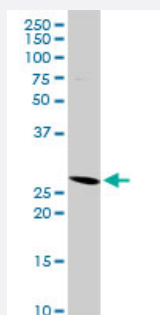
Western Blot (Tissue lysate)

HLA-DMA MaxPab rabbit polyclonal antibody. Western Blot analysis of HLA-DMA expression in human stomach.



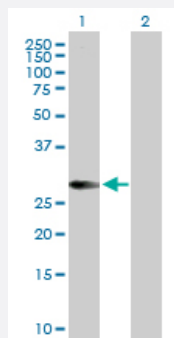
Western Blot (Cell lysate)

HLA-DMA MaxPab rabbit polyclonal antibody. Western Blot analysis of HLA-DMA expression in Jurkat.



Western Blot (Cell lysate)

HLA-DMA MaxPab rabbit polyclonal antibody. Western Blot analysis of HLA-DMA expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of HLA-DMA expression in transfected 293T cell line ([H00003108-T01](#)) by HLA-DMA MaxPab polyclonal antibody.

Lane 1: HLA-DMA transfected lysate(29.20 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human HLA-DMA protein.
Immunogen	HLA-DMA (NP_006111.2, 1 a.a. ~ 261 a.a) full-length human protein.
Sequence	MGHEQNQGAALLQMLPLLWLLPHSWAVPEAPTPMWPDDLQNHTFLHTVYCQDGSPSVGLSEA YDEDQLFFDFSQNTRVPRLPEFADWAQEQGDAPAILFDKEFCEWMIQQIGPKLDGKIPVSRGFP IAEVFTLKPLEFGKPNTLVCFVSNLFPPMLTVNWQHHSVPVEGFGPTFVSAVDGLSFQAFSYLNF TPEPSDIFSCVTHEIDRYTAIAYWVPRNALPSDLLENVLCGVAFGLGVLGIIVGMLIYFRKPCSGD
Host	Rabbit
Reactivity	Human, Mouse
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 (Tissue lysate)

HLA-DMA MaxPab rabbit polyclonal antibody. Western Blot analysis of HLA-DMA expression in mouse kidney.

[Protocol Download](#)

- Western Blot (Tissue lysate)

HLA-DMA MaxPab rabbit polyclonal antibody. Western Blot analysis of HLA-DMA expression in human stomach.

[Protocol Download](#)

- Western Blot (Cell lysate)

HLA-DMA MaxPab rabbit polyclonal antibody. Western Blot analysis of HLA-DMA expression in Jurkat.

[Protocol Download](#)

- Western Blot (Cell lysate)

HLA-DMA MaxPab rabbit polyclonal antibody. Western Blot analysis of HLA-DMA expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of HLA-DMA expression in transfected 293T cell line ([H00003108-T01](#)) by HLA-DMA MaxPab polyclonal antibody.

Lane 1: HLA-DMA transfected lysate(29.20 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — HLA-DMA

Entrez GeneID [3108](#)

GeneBank Accession# [NM_006120](#)

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

Publication Reference

- [The non-classical major histocompatibility complex II protein SLA-DM is crucial for African swine fever virus replication.](#)

Katrin Pannhorst, Jolene Carlson, Julia E Hölper, Finn Grey, John Kenneth Baillie, Dirk Höper, Elisabeth Wöhnke, Kati Franzke, Axel Karger, Walter Fuchs, Thomas C Mettenleiter.

Scientific Reports 2023 Aug; 13(1):10342.

Application: WB, Human, HEK-293 T cells

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](#)