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- Mindermengenzuschlag
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- Expressversand

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HLA-DRA purified MaxPab mouse polyclonal antibody (B02P) MaxPab®

Catalog # : H00003122-B02P

規格 : [50 ug]

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Specification

Product Description: Mouse polyclonal antibody raised against a full-length human HLA-DRA protein.

Immunogen: HLA-DRA (NP_061984.2, 1 a.a. ~ 254 a.a) full-length human protein.

Sequence:
 MAISGVPVLGFFIIAVLMSAQESWAIKEEHVIIQAEFYLNPDQSGEFMFDF
 DGDEIFHVDMAKKETVWRLEEFGRFASFEAQGALANIAVDKANLEIMTKR
 SNYTPITNVPPEVTVLTNSPVLEPMLICFIDKFTPPVVNVTWLRNGKP
 VTTGVSETVFLPREDHLFRKFHYLPFLPSTEDVYDCRVEHWGLDEPLLK
 HWEFDAPSPLETTENVVLCALGLTVGLVGIIIGTIFIKGLRKSNAEAERRGP
 L

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

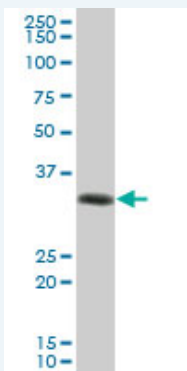
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Applications

Western Blot (Tissue lysate)



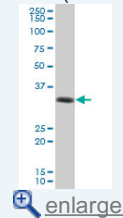
HLA-DRA MaxPab polyclonal antibody. Western Blot analysis of HLA-DRA expression in human spleen.

 [Protocol Download](#)

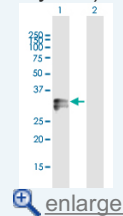
Western Blot (Transfected lysate)

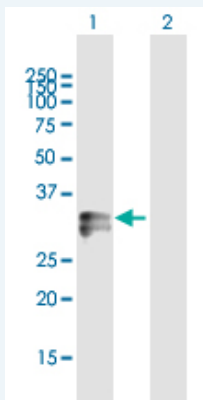
Application Image

Western Blot (Tissue lysate)



Western Blot (Transfected lysate)





Western Blot analysis of HLA-DRA expression in transfected 293T cell line ([H00003122-T02](#)) by HLA-DRA MaxPab polyclonal antibody.

Lane 1: HLA-DRA transfected lysate(27.94 kDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3122](#)

GeneBank [NM_019111](#)

Accession#:

Protein [NP_061984.2](#)

Accession#:

Gene Name: HLA-DRA

Gene Alias: HLA-DRA1

Gene Description: major histocompatibility complex, class II, DR alpha

Omim ID: [142860](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: HLA-DRA is one of the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha and a beta chain, both anchored in the membrane. It plays a central role in the immune system by presenting peptides derived from extracellular proteins. 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 1 encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, and exon 4 encodes the transmembrane domain and the cytoplasmic tail. DRA does not have polymorphisms in the peptide binding part and acts as the sole alpha chain for DRB1, DRB3, DRB4 and DRB5. [provided by RefSeq]

Other Designations: HLA class II histocompatibility antigen, DR alpha chain, MHC cell surface glycoprotein, histocompatibility antigen HLA-DR alpha

Gene Pathway

[Allograft rejection](#) [Antigen processing and presentation](#) [Asthma](#)
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[Hematopoietic cell lineage](#) [Systemic lupus erythematosus](#) [Type I diabetes mellitus](#)

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