

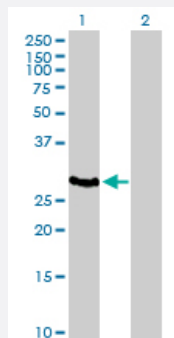
MaxPab®

HLA-DOA purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00003111-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HLA-DOA expression in transfected 293T cell line ([H00003111-T02](#)) by HLA-DOA MaxPab polyclonal antibody.

Lane 1: HLA-DOA transfected lysate(27.5 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HLA-DOA protein.
Immunogen	HLA-DOA (NP_002110.1, 1 a.a. ~ 250 a.a) full-length human protein.
Sequence	MALRAGLVLGFTLMTLLSPQEAGATKADHMGSYGPAFYQSYGASGQFTHFDEEQLFSVDLKK SEAVWRLPEFGDFARFDPQGGLAGIAIAKALDILVERSNRSRAINVPRTVLPKSRVELGQPNIL ICVDNIFPPVINITWLRNGQTVTEGVAQTSFYSPDHLFRKFHYLPFVPSAEDVYDCQVEHWGLDA PLLHWEHQVPIPPPDAMETLVCALGLAIGLVGFLVGTVLIMGTYSVSPR
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.

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[Protocol Download](#)

Gene Info — HLA-DOA

Entrez GeneID	3111
GeneBank Accession#	NM_002119
Protein Accession#	NP_002110.1
Gene Name	HLA-DOA
Gene Alias	HLA-DNA, HLA-DZA, HLADZ
Gene Description	major histocompatibility complex, class II, DO alpha
Omim ID	142930
Gene Ontology	Hyperlink
Gene Summary	HLA-DOA belongs to the HLA class II alpha chain paralogues. HLA-DOA forms a heterodimer with HLA-DOB. The heterodimer, HLA-DO, is found in lysosomes in B cells and regulates HLA-DM-mediated peptide loading on MHC class II molecules. In comparison with classical HLA class II molecules, this gene exhibits very little sequence variation, especially at the protein level. [provided by RefSeq]
Other Designations	HLA-D0-alpha MHC class II antigen OTTHUMP00000029303 lymphocyte antigen major histocompatibility complex, class II, DN alpha

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

- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)