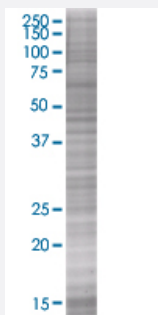


HLA-DOA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003111-T02

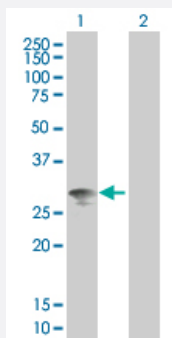
Size 100 uL

Applications



SDS-PAGE Gel

HLA-DOA transfected lysate



Western Blot

Lane 1: HLA-DOA transfected lysate (27.6 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-HLA-DOA full-length

Host Human

Theoretical MW (kDa) 27.6

Quality Control Testing Transient overexpression cell lysate was tested with Anti-HLA-DOA antibody ([H00003111-B02](#)) by Western Blots.

SDS-PAGE Gel

HLA-DOA transfected lysate

Western Blot

Lane 1: HLA-DOA transfected lysate (27.6 KDa).

Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — HLA-DOA

Entrez GeneID	3111
GeneBank Accession#	NM_002119
Protein Accession#	NP_002110
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](#)