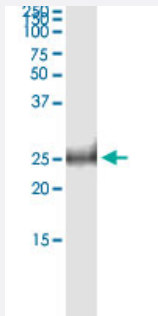


HLA-DOA (Human) IP-WB Antibody Pair

Catalog # H00003111-PW2

Size 1 Set

Applications



Immunoprecipitation of HLA-DOA transfected lysate using rabbit polyclonal anti-HLA-DOA and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-HLA-DOA.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of HLA-DOA transfected lysate using rabbit polyclonal anti-HLA-DOA and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-HLA-DOA.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-HLA-DOA (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-HLA-DOA (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — HLA-DOA

Entrez GeneID	3111
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](#)