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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HLA-DOB (Human) IP-WB Antibody Pair

Catalog # : H00003112-PW2

規格 : [1 Set]

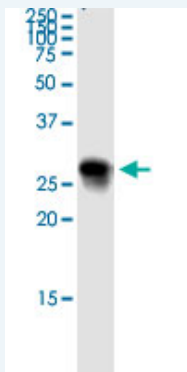
List All

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-DOB transfected lysate using rabbit polyclonal anti-HLA-DOB and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-HLA-DOB.

Supplied Product: Antibody pair set content:
 1. Antibody pair for IP: rabbit polyclonal anti-HLA-DOB (300 ul)
 2. Antibody pair for WB: mouse purified polyclonal anti-HLA-DOB (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 Information

Entrez GeneID: [3112](#)

Gene Name: HLA-DOB

Gene Alias: DOB

Gene Description: major histocompatibility complex, class II, DO beta

Omim ID: [600629](#)

Gene Ontology: [Hyperlink](#)

Application Image

Immunoprecipitation-Western Blot

Gene Summary: HLA-DOB belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DOA) and a beta chain (DOB), both anchored in the membrane. It is located in intracellular vesicles. DO suppresses peptide loading of MHC class II molecules by inhibiting HLA-DM. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The beta chain is approximately 26-28 kDa and its gene contains 6 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes the cytoplasmic tail. [provided by RefSeq]

Other Designations: HLA class II histocompatibility antigen, DO beta chain, OTTHUMP00000029312, class II beta chain

Gene Pathway

[Allograft rejection](#) [Antigen processing and presentation](#) [Asthma](#)
[Autoimmune thyroid disease](#) [Cell adhesion molecules \(CAMs\)](#) [Graft-versus-host disease](#)
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