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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HLA-DMB (Human) IP-WB Antibody Pair

Catalog # : H00003109-PW4

規格 : [1 Set]

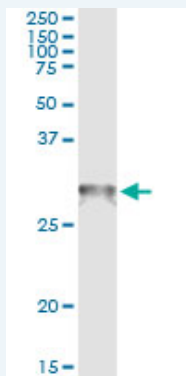
List All

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

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: mouse monoclonal anti-HLA-DMB (300 ug)
2. Antibody pair for WB: rabbit polyclonal anti-HLA-DMB (50 ul)

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.

MSDS:  [Download](#)

Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3109](#)

Gene Name: HLA-DMB

Gene Alias: D6S221E,RING7

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

Omim ID: [142856](#)

Gene Ontology: [Hyperlink](#)

Application Image

Immunoprecipitation-Western Blot

Gene Summary: HLA-DMB belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DMA) and a beta (DMB) chain, both anchored in the membrane. It is located in intracellular vesicles. DM plays a central role in the peptide loading of MHC class II molecules by helping to release the CLIP (class II-associated invariant chain peptide) molecule from the peptide binding site. 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: MHC class II HLA-DMB, MHC class II antigen HLA-DM beta chain, OTTHUMP00000029257, class II histocompatibility antigen, M beta chain

Gene 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](#)

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