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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HLA-A (Human) IP-WB Antibody Pair

Catalog # : H00003105-PW1

規格 : [1 Set]

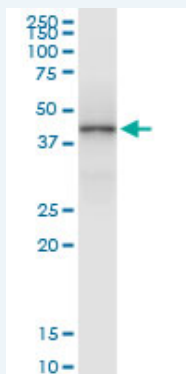
List All

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

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

MSDS:  [Download](#)

Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

Gene Information

Entrez GeneID: [3105](#)

Gene Name: HLA-A

Gene Alias: HLAA

Gene Description: major histocompatibility complex, class I, A

Omim ID: [106300](#), [142800](#), [608579](#)

Gene Ontology: [Hyperlink](#)

Application Image

Immunoprecipitation-Western Blot

Gene Summary: HLA-A belongs to the HLA class I heavy chain paralogues. This class I molecule is a heterodimer consisting of a heavy chain and a light chain (beta-2 microglobulin). The heavy chain is anchored in the membrane. Class I molecules play a central role in the immune system by presenting peptides derived from the endoplasmic reticulum lumen. They are expressed in nearly all cells. The heavy chain is approximately 45 kDa and its gene contains 8 exons. Exon 1 encodes the leader peptide, exons 2 and 3 encode the alpha1 and alpha2 domains, which both bind the peptide, exon 4 encodes the alpha3 domain, exon 5 encodes the transmembrane region, and exons 6 and 7 encode the cytoplasmic tail. Polymorphisms within exon 2 and exon 3 are responsible for the peptide binding specificity of each class one molecule. Typing for these polymorphisms is routinely done for bone marrow and kidney transplantation. Hundreds of HLA-A alleles have been described. [provided by RefSeq]

Other Designations: HLA class I histocompatibility antigen, A-23 alpha chain, MHC class I antigen, HLA-A heavy chain, MHC leukocyte antigen, OTTHUMP00000161059, antigen presenting molecule, leukocyte antigen class I, leukocyte antigen class I-A

Gene Pathway

[Allograft rejection](#) [Antigen processing and presentation](#) [Autoimmune thyroid disease](#)
[Cell adhesion molecules \(CAMs\)](#) [Endocytosis](#) [Graft-versus-host disease](#)
[Natural killer cell mediated cytotoxicity](#) [Type I diabetes mellitus](#)

Related Disease

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