

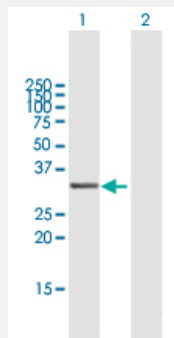
MaxPab®

CD1A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000909-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CD1A expression in transfected 293T cell line ([H00000909-T01](#)) by CD1A MaxPab polyclonal antibody.

Lane 1: CD1A transfected lysate(34.21 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CD1A protein.
Immunogen	CD1A (ABM85452.1, 1 a.a. ~ 311 a.a) full-length human protein.
Sequence	MWNWLKEPLSFHVWIASFYNHWSKQNLVSGWLSDLQHTWDSNSSTIVFLWPWSRGNFSNEE WKELETFRIRTI RSFEGIRRYAHELQFEYPF EIQVTGGCELHSGKVSGSFLQLAYQGSDFVSFQNN SWLPYPVAGNMAKHFCVKVLNQNHENDITHNLLSDTCPRFILGLLDAGKAHLQRQVKPEAWLSH GPSPGPGHLQLVCHVSGFYKPVVWMMWRGEQEQQGTQRGDILPSADGTWYLRATLEVAAGE AADLSCRVKHSSLEGQDMVLYWEHHSSVGFII LAVIVPLLLLIGLALWFRKRCFC
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CD1A

Entrez GeneID [909](#)

GeneBank Accession# [DQ894526.2](#)

Protein Accession# [ABM85452.1](#)

Gene Name CD1A

Gene Alias CD1, FCB6, HTA1, R4, T6

Gene Description CD1a molecule

Omim ID [188370](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to the plasma membrane and to recycling vesicles of the early endocytic system. Alternatively spliced transcript variants have been observed, but their biological validity has not been determined. [provided by RefSeq]

Other Designations CD1A antigen|CD1A antigen, a polypeptide|OTTHUMP00000018907|T-cell surface antigen T6/L eu-6|T-cell surface glycoprotein CD1a|cluster of differentiation 1 A|cortical thymocyte antigen CD1 A|differentiation antigen CD1-alpha-3|epidermal dendritic cell marker

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Campylobacter Infections](#)
- [Genetic Predisposition to Disease](#)
- [Guillain-Barre Syndrome](#)
- [Lung Diseases](#)
- [Mycobacterium Infections](#)
- [Polyradiculoneuropathy](#)