

DNAxPAb

Hard-to-Find
Antibody

CD1B DNAxPab

Catalog # H00000910-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CD1B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLLLPFQLLAVLFPGGNSEHAFQGPTSFHVQITSSFTNSTWAQTQGGSGWLDDLQIHGWDSDSGT AIFLKPWSKGNFSDKEVAELEEIFRVYIFGFAREVQDFAGDFQMKYPFEIQGIAGCELHSGGAIVSF LRGALGGDLFLSVKNASCVPSPGEGGSRAQKFCALIQYQGIMETVRILLYETCPRYLLGVLNAGKAD LQRQVKPEAWLSSGSPGPGRLQLVCHVSGFYPKPVWVMWMRGEQEQQGTQLGDILPNANWT WYLRATLDVADGEAAGLSCRVKHSSLEGQDILYWRNPTSIGSM/LAIVPSLLLLLCLALWYMRRRS YQNIP
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CD1B

Entrez GeneID [910](#)

GeneBank Accession# [NM_001764.2](#)

Protein Accession# [NP_001755.1](#)

Gene Name CD1B

Gene Alias CD1, CD1A, MGC125990, MGC125991, R1

Gene Description CD1b molecule

Omim ID [188360](#)

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 late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail, and requires vesicular acidification to bind lipid antigens. [provided by RefSeq]

Other Designations CD1B antigen|CD1B antigen, b polypeptide|OTTHUMP00000018908|T-cell surface glycoprotein CD1b|cortical thymocyte antigen CD1B|differentiation antigen CD1-alpha-3

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Lung Diseases](#)
- [Mycobacterium Infections](#)