

CD1a Antibody
Rabbit mAb
Catalog # AP91501**Specification**

CD1a Antibody - Product InformationApplication
Primary Accession
Clonality**WB, IHC**
[P06126](#)
Monoclonal**Other Names**

CD 1a; CD1; CD1a; epidermal dendritic cell marker CD1a; FCB6; HTA1; hTa1 thymocyte antigen; R4; T-cell surface antigen T6/Leu-6; T6;

Isotype
Host
Calculated MW**Rabbit IgG**
Rabbit
37077 Da**CD1a Antibody - Additional Information**

Dilution

WB~~1:1000
IHC~~1:100~500Purification
Immunogen**Affinity-chromatography**
A synthesized peptide derived from human CD1a

Description

Antigen-presenting protein that binds self and non-self lipid and glycolipid antigens and presents them to T-cell receptors on natural killer T-cells.

Storage Condition and Buffer

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**CD1a Antibody - Protein Information****Name** CD1A**Function**

Antigen-presenting protein that binds self and non-self lipid and glycolipid antigens and presents them to T-cell receptors on natural killer T-cells.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Membrane raft; Single-pass type I membrane protein. Endosome membrane; Single- pass type I membrane protein. Note=Subject to intracellular trafficking between the cell membrane and endosomes (PubMed:11231314). Localizes to cell surface lipid rafts (PubMed:18178838).

Tissue Location

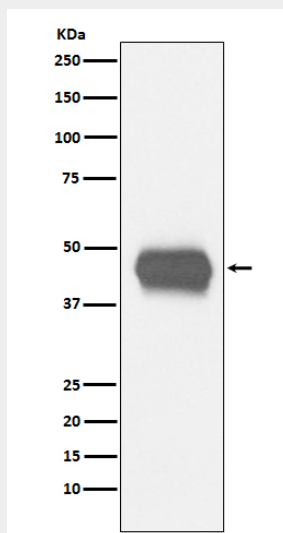
Expressed on cortical thymocytes, epidermal Langerhans cells, dendritic cells, on certain T-cell leukemias, and in various other tissues.

CD1a Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD1a Antibody - Images



Western blot analysis of CD1a expression in human fetal thymus lysate.