

CD1a Antibody
Mouse Monoclonal Antibody (Mab)
Catalog # AD80142**Specification**

CD1a Antibody - Product info

Application	IHC
Primary Accession	P06126
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	37077

CD1a Antibody - Additional info

Gene ID	909
Gene Name	CD1A

Other Names

T-cell surface glycoprotein CD1a, T-cell surface antigen T6/Leu-6, hTa1 thymocyte antigen, CD1a, CD1A

Dilution

IHC~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions

CD1a Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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

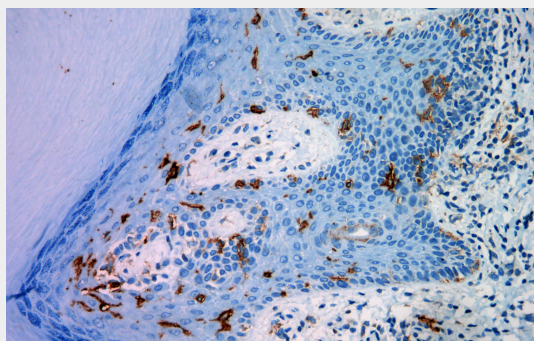
Expressed on cortical thymocytes, epidermal Langerhans cells, dendritic cells, on certain T-cell leukemias, and in various other tissues.

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



Immunohistochemical analysis of paraffin-embedded skin tissue using AD80142 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems □ Abcepta:AR005 □ was used as the secondary antibody.