

**CD1A antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14912**

**Specification**

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**CD1A antibody - C-terminal region - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P06126</a>
Other Accession	<a href="#">NM_001763</a> , <a href="#">NP_001754</a>
Reactivity	<b>Human, Mouse, Rat, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog</b>
Predicted Host	<b>Human, Pig, Horse, Bovine, Dog</b>
Clonality	<b>Rabbit</b>
Calculated MW	<b>Polyclonal</b> <b>37kDa KDa</b>

**CD1A antibody - C-terminal region - Additional Information**

**Gene ID** 909

**Alias Symbol** **CD1, FCB6, HTA1, R4, T6**  
**Other Names**

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

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-CD1A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

CD1A antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**CD1A antibody - C-terminal region - 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**

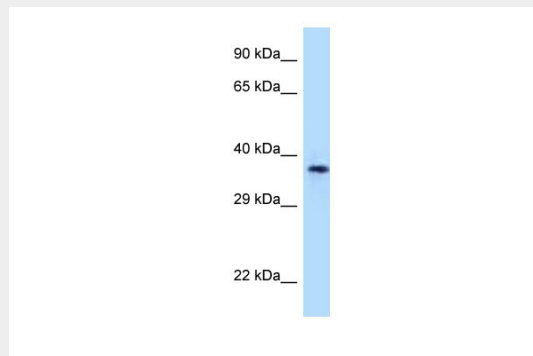
Expressed on cortical thymocytes, epidermal Langerhans cells, dendritic cells, on certain T-cell leukemias, and in various other tissues.

#### **CD1A antibody - C-terminal region - 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 - C-terminal region - Images**



WB Suggested Anti-CD1A Antibody Titration: 1.0 µg/ml  
Positive Control: 721\_B Whole Cell

#### **CD1A antibody - C-terminal region - References**

- Aruffo A., et al. J. Immunol. 143:1723-1730(1989).  
Martin L.H., et al. Proc. Natl. Acad. Sci. U.S.A. 84:9189-9193(1987).  
Ota T., et al. Nat. Genet. 36:40-45(2004).  
Gregory S.G., et al. Nature 441:315-321(2006).  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.