

CD1e Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51870

Specification

CD1e Antibody - Product Information

Application	WB, ICC, E
Primary Accession	P15812
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36 KDa

CD1e Antibody - Additional Information

Gene ID 913

Other Names

T-cell surface glycoprotein CD1e, membrane-associated, hCD1e, R2G1, CD1e, T-cell surface glycoprotein CD1e, soluble, sCD1e, CD1E

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CD1e Antibody - Protein Information

Name CD1E

Function

T-cell surface glycoprotein CD1e, soluble binds diacylated lipids, including phosphatidyl inositides and diacylated sulfoglycolipids, and is required for the presentation of glycolipid antigens on the cell surface. The membrane-associated form is not active.

Cellular Location

[T-cell surface glycoprotein CD1e, membrane-associated]: Golgi apparatus membrane; Single-pass type I membrane protein. Early endosome. Late endosome. Note=Predominantly localized in the trans-Golgi network in immature dendritic cells, and as a cleaved, soluble protein in the lysosome lumen of mature dendritic cells

Tissue Location

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

CD1e 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](#)

CD1e Antibody - Images

CD1e Antibody - Background

T-cell surface glycoprotein CD1e, soluble binds diacetylated lipids, including phosphatidyl inositides and diacylated sulfoglycolipids, and is required for the presentation of glycolipid antigens on the cell surface. The membrane-associated form is not active.

CD1e Antibody - References

Calabi F., et al. Eur. J. Immunol. 19:285-292(1989).
Angenieux C., et al. J. Biol. Chem. 275:37757-37764(2000).
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.