

For Research Use Only

CD1c Polyclonal antibody

Catalog Number:28838-1-AP



Basic Information

Catalog Number: 28838-1-AP	GenBank Accession Number: BC126467	Purification Method: Antigen affinity purification
Size: 600 ug/ml	GeneID (NCBI): 911	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P29017	
Isotype: IgG	Full Name: CD1c molecule	
Immunogen Catalog Number: AG29830	Calculated MW: 333 aa, 38 kDa	

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human tonsillitis tissue,

Background Information

CD1c molecule (CD1c, also known as R7, CD1, CD1A, and BDCA1) is a member of the CD1 family of transmembrane glycoproteins, which synthesizes in the endoplasmic reticulum and expresses on the monocytes, marginal zone B cells in lymph nodes as well as peripheral blood (PMID: 23468110). The CD1 proteins belong to the family of major histocompatibility complex (MHC) class I-like proteins that present lipid-based antigens to T cells (PMID: 15032598; 23127489). CD1c shows interaction with both $\alpha\beta$ or $\gamma\delta$ T cells and mediates T cell responses against mycobacterium tuberculosis (PMID: 10727456; 10786796).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

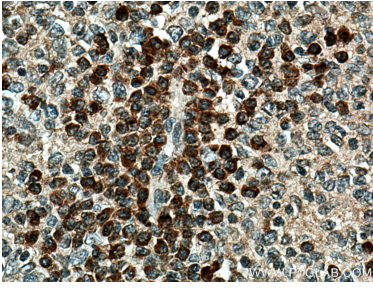
T: 4006900926

E: Proteintech-CN@ptglab.com

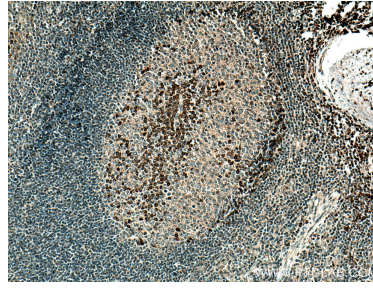
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 28838-1-AP (CD1c antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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