

For Research Use Only

CD1A Monoclonal antibody

Catalog Number: 60173-3-Ig



Basic Information

Catalog Number: 60173-3-Ig	GenBank Accession Number: BC031645	Purification Method: Protein G purification
Size: 150ul , Concentration: 1600 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 909	CloneNo.: 1H7B2
Source: Mouse	UNIPROT ID: P06126	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG1	Full Name: CD1a molecule	
Immunogen Catalog Number: AG11304	Calculated MW: 327 aa, 37 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : pig thymus tissue, Jurkat cells
Species Specificity: Human, Pig	

Background Information

CD1a is an 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. During protein synthesis and maturation, CD1 family members bind endogenous lipids that are replaced by lipid or glycolipid antigens when the proteins are internalized and pass through endosomes, before trafficking back to the cell surface.

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

*** 20ul sizes contain 0.1% BSA

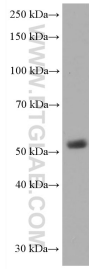
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



pig thymus tissue were subjected to SDS PAGE followed by western blot with 60173-3-Ig (CD1A antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.