

For Research Use Only

CD1A Monoclonal antibody, PBS Only



Catalog Number: 60173-3-PBS

Basic Information

Catalog Number: 60173-3-PBS	GenBank Accession Number: BC031645	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 909	CloneNo.: 1H7B2
Source: Mouse	UNIPROT ID: P06126	
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, Indirect ELISA

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

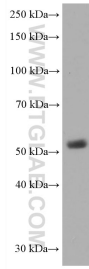
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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
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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. This data was developed using the same antibody clone with 60173-3-PBS in a different storage buffer formulation.