

For Research Use Only

CD1a Monoclonal antibody

Catalog Number: 60173-1-Ig



Basic Information

Catalog Number: 60173-1-Ig	GenBank Accession Number: BC031645	Purification Method: Caprylic acid/ammonium sulfate precipitation
Size: 150ul , Concentration: 173 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 909	CloneNo.: 2C2B4
Source: Mouse	Full Name: CD1a molecule	
Isotype: IgG2b	Calculated MW: 327 aa, 37 kDa	
Immunogen Catalog Number: AG11304		

Applications

Tested Applications:
ELISA

Species Specificity:
human

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. CD1a is a 50-kDa glycoprotein. It has a heterodimer form with molecular weight of 65-70 kDa.

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:
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Selected Validation Data