

For Research Use Only

Anti-Human CD1a (HI149)

Catalog Number: 65172-1-Ig



Basic Information

Catalog Number:

65172-1-Ig

Size:

100ug, 0.5 mg/ml

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC031645

GeneID (NCBI):

909

UNIPROT ID:

P06126

Full Name:

CD1a molecule

Calculated MW:

327 aa, 37 kDa

Purification Method:

Purified by protein-A affinity chromatography

CloneNo.:

HI149

Applications

Tested Applications:

FC

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.

Storage

Storage:

Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide.

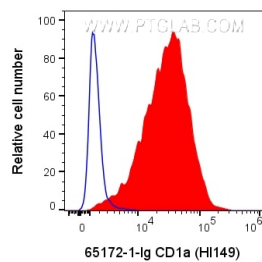
For technical support and original validation data for this product please contact:

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

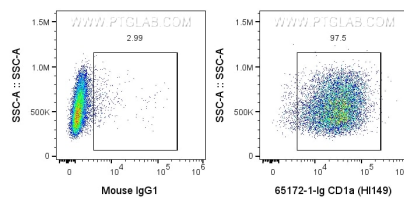
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



0.5x10⁶ MOLT-4 cells were surface stained with 0.2 ug Anti-Human CD1a (65172-1-Ig, Clone: HI149) (red) or Mouse IgG1 Isotype Control (65124-1-Ig, Clone: MOPC-21) (blue), and Multi-rAb CoraLite[®] Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002). Cells were not fixed.



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