

For Research Use Only

Anti-Mouse CD1d (1B1) Rat Recombinant Antibody, PBS Only

Catalog Number: 65652-1-PBS



Basic Information

Catalog Number:

65652-1-PBS

Concentration:

1mg, 3 mg/ml

Source:

Rat

Isotype:

IgG2a

GenBank Accession Number:

GeneID (NCBI):

12479

UNIPROT ID:

P11609

Full Name:

CD1d1 antigen

Purification Method:

Protein A purification

CloneNo.:

1B1

Applications

Tested Applications:

FC

Species Specificity:

mouse

Background Information

CD1d is a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. CD1d is an antigen-presenting protein that binds self and non-self glycolipids and presents them to T-cell receptors on NKT cells. When activated, NKT cells rapidly produce Th1 and Th2 cytokines.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

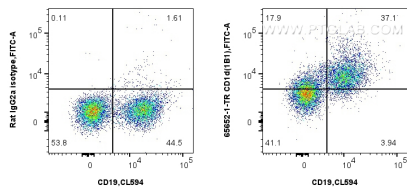
T: 4006900926

E: Proteintech-CN@ptglab.com

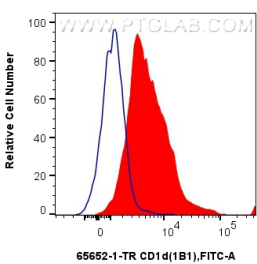
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD1d (1B1) Rat IgG2a RecAb (65652-1-TR, Clone:1B1) or Rat IgG2a Isotype Control (2A3) (65209-1-Ig, Clone: 2A3), and FITC anti-rat IgG2a Antibody. Cells were then stained with CoraLite®594 Anti-Mouse CD19 Rabbit Recombinant Antibody (CL594-98287, Clone: 242301C6). Cells were not fixed. This data was developed using the same antibody clone with 65652-1-PBS in a different storage



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD1d (1B1) Rat IgG2a RecAb (65652-1-TR, Clone: 1B1) (red) or Rat IgG2a Isotype Control (2A3) (65209-1-Ig, Clone: 2A3) (blue), and FITC anti-rat IgG2a Antibody. Cells were not fixed. This data was developed using the same antibody clone with 65652-1-PBS in a different storage buffer formulation.