

For Research Use Only

CoraLite® Plus 647 Anti-Mouse CD1d (1B1)



Catalog Number: CL647-65242

Basic Information

Catalog Number:

CL647-65242

Size:

100ug, 500 µg/mL

Source:

Rat

Isotype:

IgG2b, kappa

GenBank Accession Number:

GeneID (NCBI):

12479

UNIPROT ID:

P11609

Full Name:

CD1d1 antigen

Purification Method:

Affinity purification

CloneNo.:

1B1

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

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 2-8°C. Avoid exposure to light. 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:

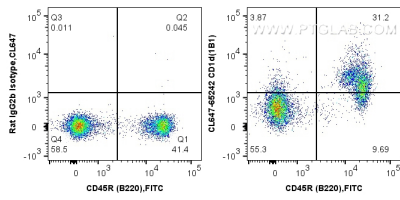
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



1X10⁶ mouse splenocytes were surface stained with FITC Anti-Mouse CD45R (B220) (FITC-65139, Clone: RA3-6B2) and 1 ug CoraLite® Plus 647 Anti-Mouse CD1d (CL647-65242, Clone: 1B1) or CoraLite® Plus 647 conjugated rat IgG2b isotype control. Cells were not fixed.