

For Research Use Only

CoraLite® Plus 488 Anti-Mouse CD1d (1B1)

Catalog Number: CL488-65242



Basic Information

Catalog Number:

CL488-65242

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:

N/A

CloneNo.:

1B1

Excitation/Emission maxima wavelengths:

493 nm / 522 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.

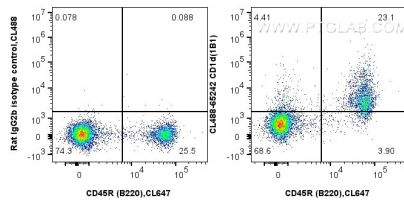
For technical support and original validation data for this product please contact:

T: 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

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 0.5 ug CoraLite® Plus 488 Anti-Mouse CD1d (1B1) (CL488-65242, Clone:1B1) or 0.5 ug CoraLite® Plus 488 Rat IgG2b Isotype Control (LTF-2) (CL488-65211, Clone: LTF-2). Cells were co-stained with Anti-Mouse CD45R (B220). Cells were not fixed.