

For Research Use Only

CoraLite® Plus 488 Anti-Human IL-12 (1E12H6)



Catalog Number: **CL488-65277**

Basic Information

Catalog Number:

CL488-65277

Size:

100ug, 0.2 mg/mL

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

HZ-1256

GenBank Accession Number:

BC104982

GeneID (NCBI):

3592

Full Name:

interleukin 12A (natural killer cell stimulatory factor 1, cytotoxic lymphocyte maturation factor 1, p35)

Calculated MW:

25 kDa

Purification Method:

Affinity purification

CloneNo.:

1E12H6

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human

Background Information

IL-12 is a heterodimeric cytokine composed of two glycosylated and disulfide-linked subunits (p40 cysteine-linked to p35). IL-12 is a potent regulator of cell mediated immune responses and it induces IFN-gamma production by NK and T cells. It is produced by activated monocytes/macrophage cells, B lymphocytes, and connective tissue type mast cells (PMID: 24821971; 7612223).

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 and 0.5% BSA.

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

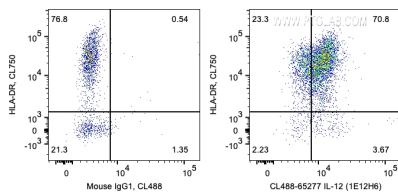
T: 4006900926

E: Proteintech-CN@ptglab.com

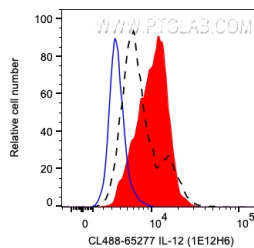
W: ptgcn.com

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Selected Validation Data



1X10⁶ LPS and Brefeldin A treated human PBMCs were surface stained with CoraLite® Plus 750 Anti-Human HLA-DR then intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human IL-12 (CL488-65277, Clone:1E12H6) or Mouse IgG1 Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). Monocytes were gated.



1X10⁶ LPS and Brefeldin A treated human PBMCs were intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human IL-12 (CL488-65277, Clone:1E12H6) (red) or Mouse IgG1 Isotype Control (blue), or unstimulated and Brefeldin A treated human PBMCs were intracellularly stained with 0.2 ug CoraLite® Plus 488 Anti-Human IL-12 (CL488-65277, Clone:1E12H6) (black, dashed line). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit

