Anti-Human IL-12 (1E12H6)

Catalog Number:65277-1-Ig

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
65277-1-Ig

Concentration:
100ug, 1000 μg/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

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).
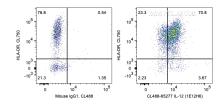
Storage

Storage:
Store at 2-8℃. Avoid exposure to light. Stable for one year after shipment.
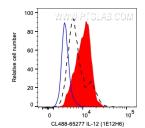**Storage Buffer:**
PBS with 0.09% sodium azide.

Selected Validation Data

1X10^6 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. This data was developed using the CoraLite ® Plus 488 conjugated antibody of 65277-1-Ig.

1X10^6 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