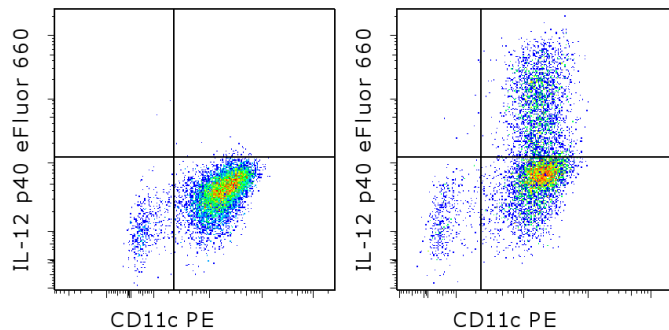


Anti-Human IL-12/IL-23 p40 eFluor[®] 660 (Alexa Fluor[®] 647 Replacement)

Catalog Number: 50-7235

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of unstimulated (left) or stimulated (right) cultured human dendritic cells with Anti-Human CD11b PE (cat. 12-0118) followed by fixation and permeabilization and subsequent intracellular staining with Anti-Human IL-12/IL-23 p40 eFluor[®] 660. Total viable cells as determined by Fixable Viability Dye eFluor[®] 450 (cat. 65-0863) were used for analysis.

Product Information

Contents: Anti-Human IL-12/IL-23 p40 eFluor[®] 660 (Alexa Fluor[®] 647 Replacement)



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Clone: eBioHP40 (HP40, HP-40)

Concentration: 5 μ L (0.03 μ g)/test

Host/Isotype: Mouse IgG1, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.

Batch Code: Refer to vial

Use By: Refer to vial



Description

The eBioHP40 antibody reacts with the p40 subunit of human IL-12 p70, and human IL-23. IL-12 is a 70 kDa heterodimeric cytokine composed of two covalently linked chains, p40 and p35, and is secreted primarily by activated monocytes, macrophages, and dendritic cells. IL-23 is a biologically-related, heterodimeric cytokine composed of disulfide-linked p40 and p19 subunits.

The eBioHP40 antibody has slightly lower background staining than C8.6 and recognizes a different epitope.

Applications Reported

This eBioHP40 (HP40, HP-40) antibody has been reported for use in intracellular staining followed by flow cytometric analysis.

Applications Tested

This eBioHP40 (HP40, HP-40) antibody has been pre-titrated and tested by intracellular staining and flow cytometric analysis of cultured human dendritic cells. This can be used at 5 μ L (0.03 μ g) per test. A test is defined as the amount (μ g) of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

eFluor[®] 660 is a replacement for Alexa Fluor[®] 647. eFluor[®] 660 emits at 659 nm and is excited with the red laser (633 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

References

Cho, D., et al. 1996. Enhancement of porcine natural killer cell activity by recombinant human and murine IL-12. Cell Immunol. 172: 29-34.

Aragane, Y, et al. 1994. IL-12 is expressed and released by human keratinocytes and epidermoid carcinoma cell lines. J Immunol. 153: 5366-72.

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Related Products

00-8222 IC Fixation Buffer

00-8333 Permeabilization Buffer (10X)

12-0118 Anti-Human CD11b PE (ICRF44)

50-4714 Mouse IgG1 K Isotype Control eFluor® 660 (P3.6.2.8.1)

65-0863 Fixable Viability Dye eFluor® 450

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