

IL-12/IL-23 p40 Monoclonal Antibody (eBioHP40 (HP40, HP-40)), eFluor™ 660, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), eFluor™ 660, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	eBioHP40 (HP40, HP-40)
Conjugate	eFluor™ 660
Excitation/Emission Max	651/668 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10598511

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.03 µg)/test	-

Product Specific Information

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.

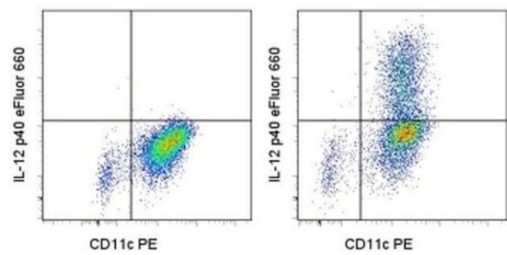
Applications Tested: This eBioHP40 (HP40, HP-40) antibody has been pre-titrated and tested by intracellular staining and flow cytometric analysis of cultured human dendritic cells. This can be used at 5 µL (0.03 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ 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 fluorochoime.

Excitation: 633-647 nm; Emission: 668 nm; Laser: Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For IL-12/IL-23 p40 Monoclonal Antibody (eBioHP40 (HP40, HP-40)), eFluor™ 660, eBioscience™



IL-12/IL-23 p40 Antibody (50-7235-42) in Flow
Staining of unstimulated (left) or stimulated (right) cultured human dendritic cells with Anti-Human CD11b PE (Product # 12-0118-42) 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 (Product # 65-0863-14) were used for analysis.

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