

IL-12/IL-23 p40 Monoclonal Antibody (eBioHP40 (HP40, HP-40)), eFluor 450, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Host/Isotope	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), eFluor 450, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	eBioHP40 (HP40, HP-40)
Conjugate	eFluor® 450
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2574114

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	5 µL (0.25 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.

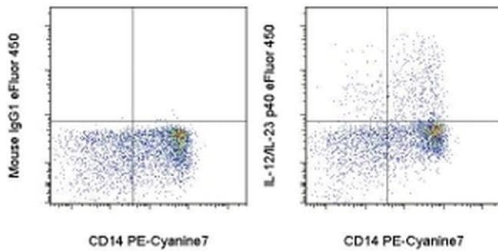
Applications Tested: This eBioHP40 (HP40, HP-40) antibody has been pre-titrated and tested by intracellular staining and flow cytometric analysis of stimulated normal human peripheral blood cells. This can be used at 5 µL (0.25 µg) per test. A test is defined as the amount (µg) of antibody that will 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® 450 is an alternative to Pacific Blue®. eFluor® 450 emits at 445 nm and is excited with the Violet laser (405 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

Excitation: 405 nm; Emission: 445 nm; Laser: Violet Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For IL-12/IL-23 p40 Monoclonal Antibody (eBioHP40 (HP40, HP-40)), eFluor 450, eBioscience™



IL-12/IL-23 p40 Antibody (48-7235-42) in Flow

Staining of normal human peripheral blood cells cultured overnight with IFN gamma (Product # 14-8319-80), LPS and monensin (Product # 00-4505-51) with Anti-Human CD14 PE-Cyanine7 (Product # 25-0149-42) followed by fixation, permeabilization and subsequent intracellular staining with Mouse IgG1 K Isotype Control eFluor® 450 (Product # 48-4714-82) (left) or Anti-Human IL-12/IL-23 p40 eFluor® 450 (Product # 48-7235-42) (right). Total viable cells as determined by Fixable Viability Dye eFluor® 780 (Product # 65-0865-14) were used for analysis.

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