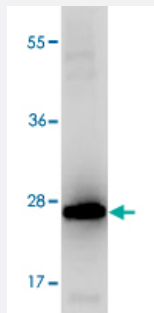


Il27 monoclonal antibody, clone 3H12.F10

Catalog # MAB10274 Size 100 ug

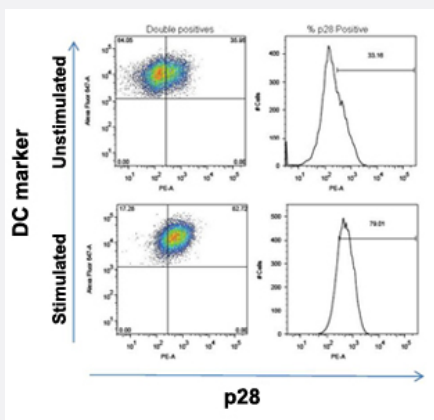
Applications



Western Blot (Recombinant protein)

Western blot analysis of recombinant protein with Il27 monoclonal antibody, clone 3H12.F10 (Cat # MAB10274) at 1:1000 dilution.

Flow Cytometry



Flow cytometric analysis of mouse peritoneal macrophages using Il27 monoclonal antibody, clone 3H12.F10 (Cat ID # MAB10274). Mouse peritoneal macrophages were grown in culture for 24 hours, stimulated with 10 ng/mL IFN α and 1 ug/mL LPS for 14 hours and incubated for 4 hours with Bredfeldin A. Cells were harvested, washed, aliquoted 1x10⁶ cells per sample, and fixed and permeabilized according to a standard protocol. Samples were stained with biotinylated primary anti-mouse p28 antibody at 0.1-10 ug/mL primary antibody alongside negative controls of unstimulated cells and isotype controls. Cells were stained with 0.25 ug/mL Il27 monoclonal antibody, clone 3H12.F10 (Cat ID # MAB10274) and PHYCOERYTHRIN Conjugated secondary at 1:100 and analyzed by flow cytometry. Stimulated cells showed increase PE staining (horizontal axis) when compared with unstimulated cells.

Specification

Product Description	Rat monoclonal antibody raised against recombinant Il27.
Immunogen	Recombinant protein corresponding to mouse Il27.
Host	Rat

Theoretical MW (kDa)	26
Reactivity	Mouse
Specificity	This antibody is specific for mouse and rat p28 protein. Cross-reactivity with IL-27 from other sources has not been determined.
Form	Liquid
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — IL27

Entrez GeneID	246779
Gene Name	IL27
Gene Alias	IL-27, IL-27p28, IL30, p28
Gene Description	interleukin 27

Gene Ontology[Hyperlink](#)**Other Designations**

IL-27 p28 subunit|interleukin 30