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43-1099: Monoclonal Antibody to Mouse IL-12/IL-23 p40 NALE™ Purified (Clone: C17.8)

Clonality :	Monoclonal
Clone Name :	C17.8
Application :	FACS
Reactivity :	Mouse
Gene :	Il12b
Gene ID :	16160
Uniprot ID :	P43432
Alternative Name :	Cytotoxic lymphocyte maturation factor 40 kDa subunit, IL-12 subunit p40
Isotype :	Rat IgG2a, kappa

Description

The C17.8 antibody specifically reacts with the p40 subunit of IL-12, as free monomer, as a homodimer, or as a part of the p70 dimer. C17.8 seems to neutralize the activity of mouse IL-12 and IL-23. IL-12 is the p70 heterodimer of p35 and p40, expressed by the macrophages, dendritic cells, and monocytes. The C17.8 antibody cross-reacts with IL-23, since IL-23 also contains one p40 subunit.

Product Info

Amount :	500 µg
Content :	2 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.