

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

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| 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

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| 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.