

Product Data Sheet

Cat # AB-11410

Rat Anti-Mouse Interleukin-12p40 IgG

Size: 100 ug

Synonyms:

NKSF2, CTL maturation factor (TCMF), Cytotoxic lymphocyte maturation factor 40 kDa subunit (CLMF p40), TSF, Edodekin-alpha, IL-12 p40, IL-12B, IL-12 subunit p40, NK cell stimulatory factor chain 2. Direct ELISA, Western Blot, Immunoprecipitation.

Type:

Rat Anti Mouse Monoclonal

Introduction:

Active IL-12 is a p70 disulphide-linked dimer composed of p35 and p40 subunits. The protein is a pleiotropic cytokine produced primarily by antigen presenting cells and has multiple effects on T lymphocytes and natural killer cells in terms of stimulating cytotoxicity, proliferation, production of other cytokines and Th1 subset differentiation.

Immunogen:

Recombinant .Murine IL-12 p40

Ig Subclass:

Rat IgG2a; purified by ion exchange column; 1mg/mL in PBS after reconstitution; Reconstitute with sterile H2O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

Storage Procedures:

In lyophilized form, for long periods, store at 4oC in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20oC. Two years lyophilized, one month in solution at 4oC. Antibody is shipped lyophilized at ambient temperature.

Titer:

By direct ELISA, 1:5,000 dilution will yield 0.5 O.D using alkaline phosphatase conjugated rabbit anti-mouse IgG

Usage:

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4oC for ~1 week or aliquots in suitable size and store at -20oC for long term storage..

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India Contact:

Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi – 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400, Fax: +91-11-42208444
Email: customerservice@lifetechindia.com Website: www.lifetechindia.com