

IL16 Antibody

*Interleukin-16, Mouse Anti Human
ABM0391*

Product Overview

Name IL16 Antibody

Description

Interleukin-16, Mouse Anti Human

Synonyms

IL17A, IL17, IL-17A, CTLA8, CTLA8, Interleukin 17A, Interleukin-17A, cytotoxic T-lymphocyte-associated serine esterase 8.

Introduction

IL17 is a proinflammatory cytokine produced by activated T cells. IL-17 regulates the activities of NF-kappaB and mitogen-activated protein kinases. Interleukin-17 can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of IL-17 are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

Source

HEK293 cells.

Physical Appearance

Sterile filtered colorless solution.

Formulation

IL17A protein (0.5mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

FPQNPGRNT EDKNFPQHVK VNLNILNRNT NSRRPSDYNN RSTSPWNLHR NEDPERYPSV IWEAKCRHLG
CVNNEGNINY HMNSVPIQQE ILVLRRESQH CPHSFRLEKM LVAVGCTCVT PIVRHVA HHH HHH

Biological Activity

The activity is determined by the IL-6 ELISA in a using NIH/3T3 mouse embryonic fibroblast cells. The ED50 range ? 10 ng/ml.

Precautions

IL16 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.