

ARG21490
anti-IL17 / IL17A antibody [TC11-18H10] (low endotoxin)Package: 100 µg
Store at: -20°C

Summary

Product Description	Azide free and low endotoxin Rat Monoclonal antibody [TC11-18H10] recognizes IL17 / IL17A
Tested Reactivity	Ms
Tested Application	ELISA, ELISPOT, FACS, Neut
Specificity	Mouse IL-17A.
Host	Rat
Clonality	Monoclonal
Clone	TC11-18H10
Isotype	IgG1, kappa
Target Name	IL17 / IL17A
Antigen Species	Mouse
Immunogen	E. coli-expressed mouse IL-17
Conjugation	Un-conjugated
Alternate Names	IL-17A; Interleukin-17A; IL-17; CTLA8; IL17; CTLA-8; Cytotoxic T-lymphocyte-associated antigen 8

Application Instructions

Application table	Application	Dilution
	ELISA	< 2 µg/ml
	ELISPOT	Assay-dependent
	FACS	Assay-dependent
	Neut	Assay-dependent
Application Note	Neutralizing: The clone has been used to neutralize/block IL17 activity and it led to suppress IL1 alpha, IL1 beta, IL6 and IFN gamma releasing in CHS mouse model. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Calculated Mw	18 kDa	

Properties

Form	Liquid
Purification Note	Low endotoxin
Buffer	PBS
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 16171 Mouse](#)

[Swiss-port # Q62386 Mouse](#)

Gene Symbol

IL17A

Gene Full Name

interleukin 17A

Background

The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. This cytokine 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 this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. [provided by RefSeq, Jul 2008]

Function

Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of ICAM1/intracellular adhesion molecule 1 in fibroblasts. [UniProt]