

## 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
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.	

### 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

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Database links	<a href="#">GeneID: 16171 Mouse</a> <a href="#">Swiss-port # Q62386 Mouse</a>
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]
Highlight	Related products: <a href="#">IL17 antibodies</a> ; <a href="#">IL17 ELISA Kits</a> ; <a href="#">IL17 recombinant proteins</a> ; <a href="#">Anti-Rat IgG secondary antibodies</a> ; Related news: <a href="#">HMGB1, a biomarker and therapeutic target in COVID-19</a>
Calculated Mw	18 kDa
PTM	Found both in glycosylated and nonglycosylated forms.