

## ARG23959 anti-IL17 / IL17A antibody [SQab19143] (low endotoxin)

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Low endotoxin Mouse Monoclonal antibody [SQab19143] recognizes IL17 / IL17A
Tested Reactivity	Hu, Macaq, Marmoset, R. Mk
Tested Application	Neut
Host	Mouse
Clonality	Monoclonal
Clone	SQab19143
Isotype	IgG1
Target Name	IL17 / IL17A
Species	Human
Immunogen	Recombinant Human IL17A protein.
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
	Neut	Assay-dependent

**Application Note**  
Neutralization dose 50 (ND50): The antibody neutralized the effect of IL17A at a ND50 value of 0.01 - 0.03 µg/ml when 10 ng/ml of recombinant Human IL17A was present.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

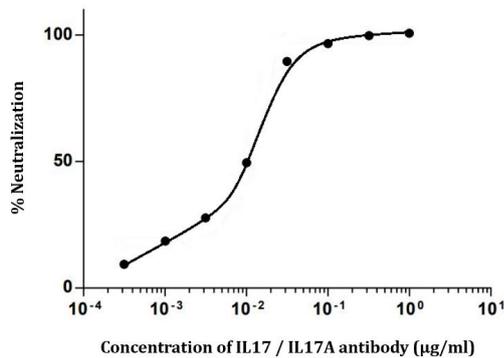
### Properties

Form	Liquid
Purification	Purification with Protein G.
Purification Note	0.2 µm filter sterilized. Endotoxin level is less than 0.01 EU/µg.
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 or below. 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

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-Mouse 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. [UniProt]
Cellular Localization	Secreted. [UniProt]

## Images



ARG23959 anti-IL17 / IL17A antibody [SQab19143] (low endotoxin)  
Neutralization image

Neutralization: ARG23959 anti-IL17 / IL17A antibody [SQab19143] (low endotoxin) neutralized IL6 production induced by human recombinant IL17A protein.