

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	<p>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.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

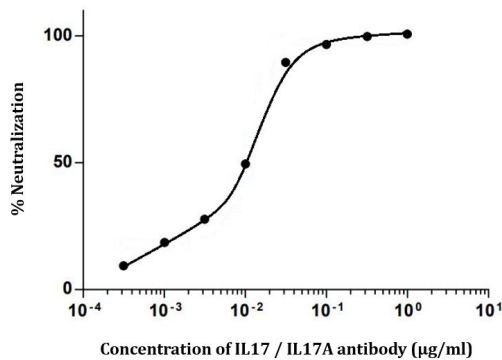
Properties

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: IL17 antibodies ; IL17 ELISA Kits ; IL17 recombinant proteins ; Anti-Mouse IgG secondary antibodies ; Related news: HMGB1, a biomarker and therapeutic target in COVID-19
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.