

ARG20563 anti-IL17 / IL17A antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IL17 / IL17A
Tested Reactivity	Hu
Tested Application	ELISA, IHC-P, Neut, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IL17 / IL17A
Species	Human
Immunogen	Highly pure (>98%) recombinant Human IL-17A.
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	0.5 - 2.0 µg/ml
	IHC-P	0.5 - 2.0 µg/ml
	Neut	0.9 - 1.3 µg/ml
	WB	0.1 - 0.2 µg/ml

Application Note IHC-P: Antigen Retrieval: pH 6.0 sodium citrate buffer (recommended)
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

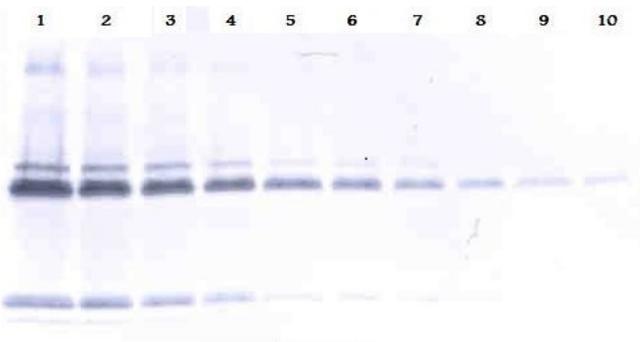
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 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

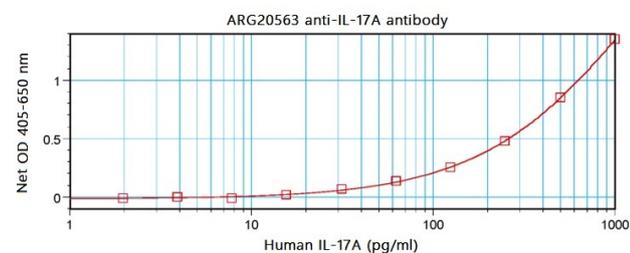
Database links	GeneID: 3605 Human Swiss-port # Q16552 Human
Gene Symbol	IL17A
Gene Full Name	interleukin 17A
Background	The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. 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-Rabbit IgG secondary antibodies ; Related news: HMGB1, a biomarker and therapeutic target in COVID-19
Research Area	Cancer antibody; Immune System antibody
Calculated Mw	18 kDa
PTM	Found both in glycosylated and nonglycosylated forms.

Images



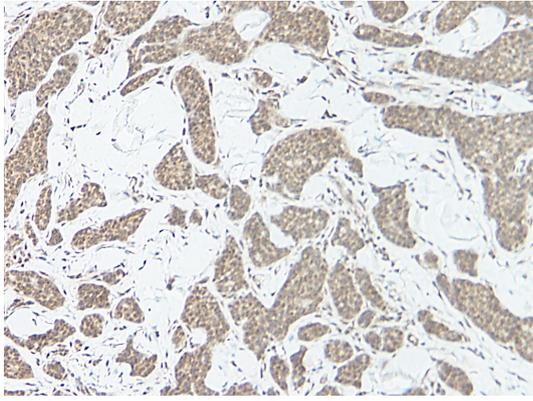
ARG20563 anti-IL17 / IL17A antibody WB image

Western blot: 250 - 0.24 ng (left to right) of recombinant Human IL-17A stained with ARG20563 anti-IL17 / IL17A antibody.



ARG20563 anti-IL17 / IL17A antibody standard curve image

Sandwich ELISA: ARG20563 anti-IL17 / IL17A antibody used as detection antibody results of a typical standard run with optical density reading at 405 - 650 nm.



ARG20563 anti-IL17 / IL17A antibody IHC image

Immunohistochemistry: formalin-fixed, paraffin-embedded sections of Human breast invasive ductal carcinoma stained with ARG20563 anti-IL17 / IL17A antibody at 0.25 µg/ml dilution (overnight incubation at 4°C). Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended.