

ARG56697 anti-IL17 / IL17A antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes IL17 / IL17A
Tested Reactivity	Hu
Tested Application	ELISA, IHC-P, Neut, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	IL17 / IL17A
Species	Human
Immunogen	E.coli derived Recombinant Human IL-17 (IL-17A). (MIVKAGITIP RNP GCPNSED KNFPRTVMVN LNIHNRNTNT NPKRSSDYNN RSTSPWNLHR NEDPERYPSV IWEAKCRHLG CINADGNVDY HMNSVPIQQE ILVLRREPPH CPNSFRLEKI LVSVGCTCVT PIVHHVA)
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	Sandwich: use 0.5 - 2.0 µg/ml as a capture antibody
	IHC-P	0.125 µg/ml - 0.25 µg/ml
	Neut	0.43 - 0.65 µg/ml (To yield [ND50] of the biological activity of Human IL - 17A (50.00 ng/ml))
	WB	0.1 - 0.2 µg/ml
Application Note	Sandwich ELISA: Sandwich ELISA: Recommended antibody pairs in sandwich immunoassay for IL17 / IL17A (capture - detection): ARG56697 - ARG56806 * 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.

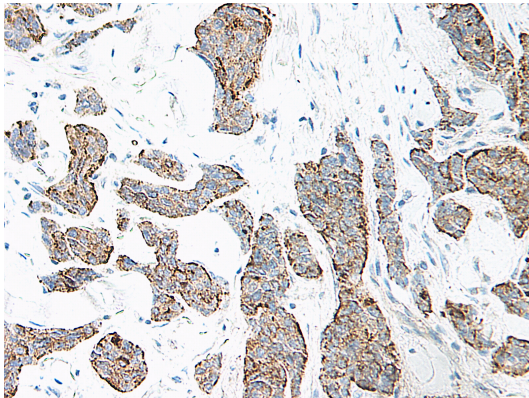
Note

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-Goat 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.

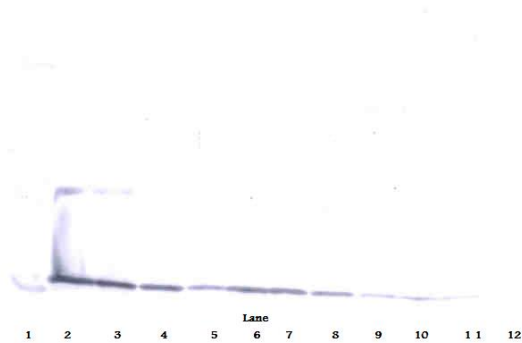
Images



ARG56697 anti-IL17 / IL17A antibody IHC-P image

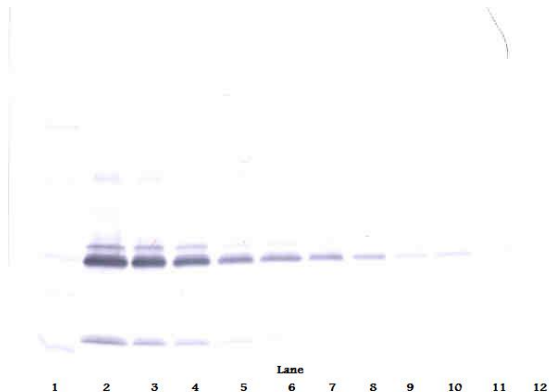
Immunohistochemistry: Formalin-fixed and paraffin-embedded sections of Human breast invasive ductal carcinoma. The recommended ARG56697 anti-IL17 / IL17A antibody concentration is 0.125 µg/ml - 0.25 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Antigen Retrieval: Boil tissue section in Sodium Citrate buffer (pH 6.0) followed by cooling at RT for 20 min.

ARG56697 anti-IL17 / IL17A antibody WB image



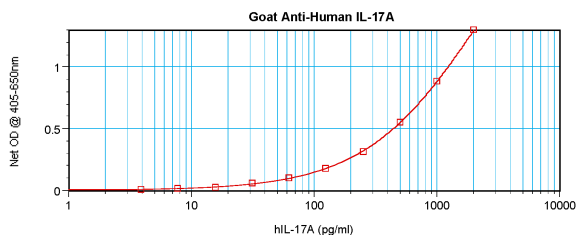
Western blot: 250 - 0.24 ng of Human IL-17A stained with ARG56697 anti-IL17 / IL17A antibody, under reducing conditions.

ARG56697 anti-IL17 / IL17A antibody WB image



Western blot: 250 - 0.24 ng of Human IL-17A stained with ARG56697 anti-IL17 / IL17A antibody, under non-reducing conditions.

ARG56697 anti-IL17 / IL17A antibody standard curve image



Sandwich ELISA: ARG56697 anti-IL17 / IL17A antibody as a capture antibody at 0.5 - 2.0 µg/ml combined with anti-IL17 / IL17A antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density.