

ARG66083 anti-IL19 antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes IL19
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IL19
Species	Human
Immunogen	E. coli derived recombinant Human IL19. (MLRRCLISTD MHHIEESFQE IKRAIQAKDT FPNVTILSTL ETLQIIKPLD VCCVTKNLLA FYVDRVFKDH QEPNPKILRK ISSIANSFLY MQKTLRQCQE QRQCHCRQEA TNATRVIHND YDQLEVHAAA IKSLGELDVF LAWINKNHEV MSSA)
Conjugation	Biotin
Alternate Names	Interleukin-19; IL-10C; ZMDA1; IL-19; MDA1; NG.1; Melanoma differentiation-associated protein-like protein

Application Instructions

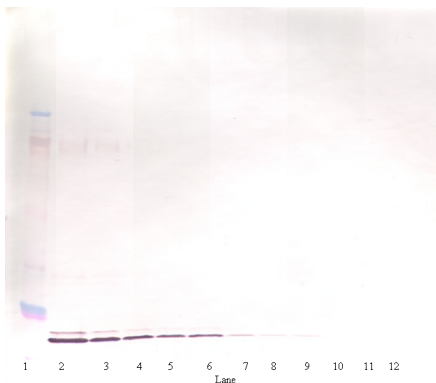
Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG66082 as a capture antibody
	WB	0.1 - 0.2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. 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.

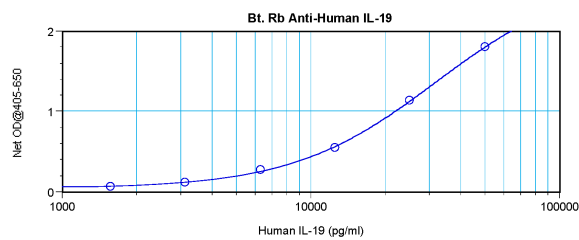
Database links	GeneID: 29949 Human Swiss-port # Q9UHD0 Human
Gene Symbol	IL19
Gene Full Name	interleukin 19
Background	The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively spliced transcript variants encoding the distinct isoforms have been described. [provided by RefSeq, Jul 2008]
Function	May play some important roles in inflammatory responses. Up-regulates IL-6 and TNF-alpha and induces apoptosis (By similarity). [UniProt]
Calculated Mw	20 kDa

Images



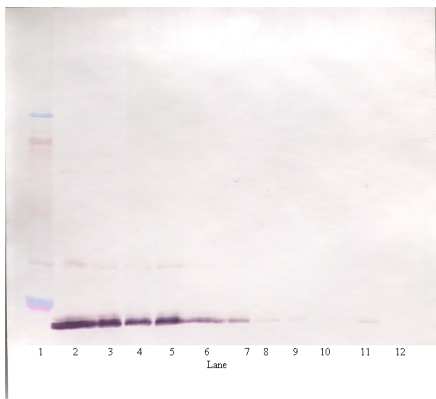
ARG66083 anti-IL19 antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Human IL-19 stained with ARG66083 anti-IL19 antibody (Biotin), under non-reducing conditions.



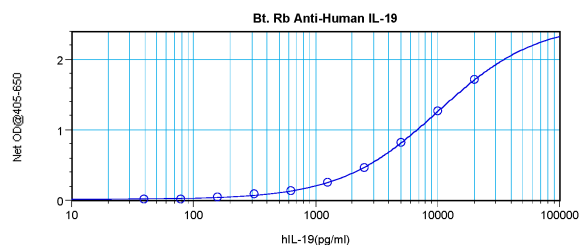
ARG66083 anti-IL19 antibody (Biotin) standard curve image

Direct ELISA: ARG66083 anti-IL19 antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66083 anti-IL19 antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Human IL-19 stained with ARG66083 anti-IL19 antibody (Biotin), under reducing conditions.



ARG66083 anti-IL19 antibody (Biotin) standard curve image

Sandwich ELISA: ARG66083 anti-IL19 antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG66082 anti-IL19 antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.