

Product datasheet for **TA343359**

IL19 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-IL19 antibody is: synthetic peptide directed towards the C-terminal region of Human IL19. Synthetic peptide located within the following region: KILRKISSIANSFLYMQKTLRQCQEQRQCHCRQEATNATRVIHNDNYDQLE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	interleukin 19
Database Link:	NP_715639 Entrez Gene 29949 Human Q9UHD0



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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.

Synonyms: IL-10C; MDA1; NG.1; ZMDA1

Note: Immunogen Sequence Homology: Human: 100%; Pig: 93%; Bovine: 93%; Rat: 86%; Mouse: 85%; Dog: 79%

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway

Product images:



Host: Rabbit; Target Name: IL19; Sample Tissue: Jurkat whole cell lysates; Antibody Dilution: 1.0 ug/ml