

Product datasheet for TA358617

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IL19 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Specificity: Expected reactivity: Cow, Dog, Human, Rabbit, Rat

Homology: Cow: 79%; Dog: 86%; Human: 100%; Rabbit: 79%; Rat: 79%

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 18kDa

Gene Name: interleukin 19

Database Link: NP 715639

Entrez Gene 29949 Human

Q5VUT3

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.



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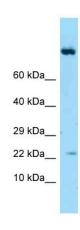
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Synonyms: IL-10C; IL-19; MDA1; NG.1; ZMDA1

Protein Families: Druggable Genome, Secreted Protein

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

Product images:



WB Suggested Anti-IL19 Antibody Titration: 1

ug/ml

Positive Control: Placenta