

## Product datasheet for **TA351285S**

### IL19 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Raji, Hela and Jurkat cell lysates IHC: 50-100 Positive control: Human colorectal cancer Predicted cell location: Secreted
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human IL19
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	interleukin 19
Database Link:	<a href="#">NP_715639</a> <a href="#">Entrez Gene 29949 Human</a> <a href="#">Q9UHD0</a>



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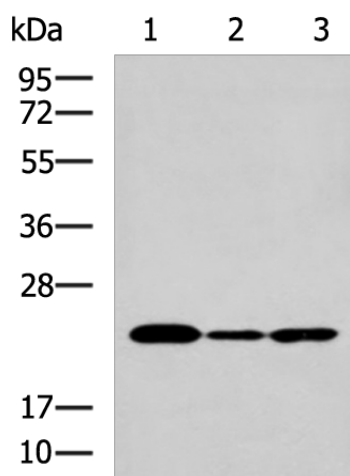
**Background:** The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). 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

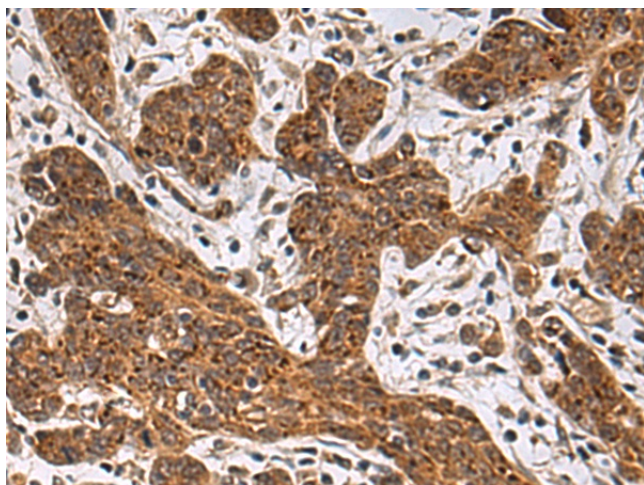
**Protein Families:** Druggable Genome, Secreted Protein

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

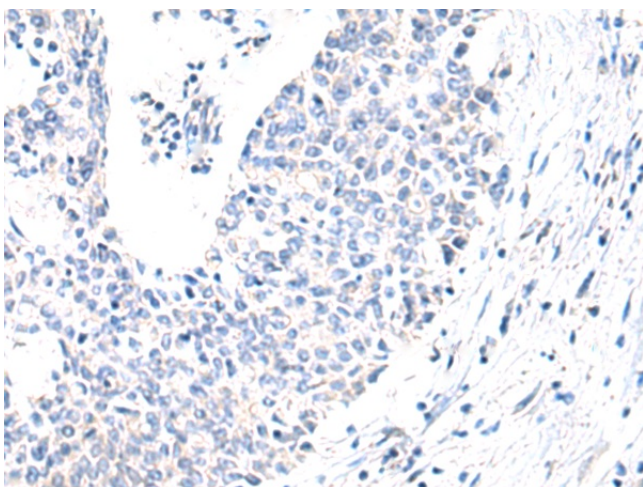
### Product images:



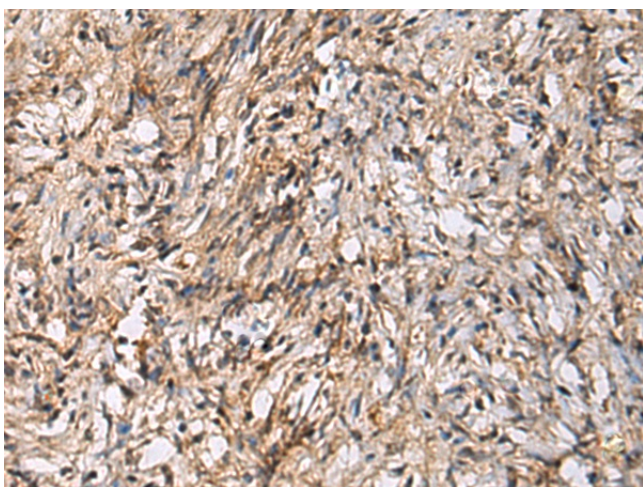
Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-3: Raji  
Hela and Jurkat cell lysates  
Primary antibody: [TA351285] (IL19 Antibody) at dilution 1/600  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 1 minute



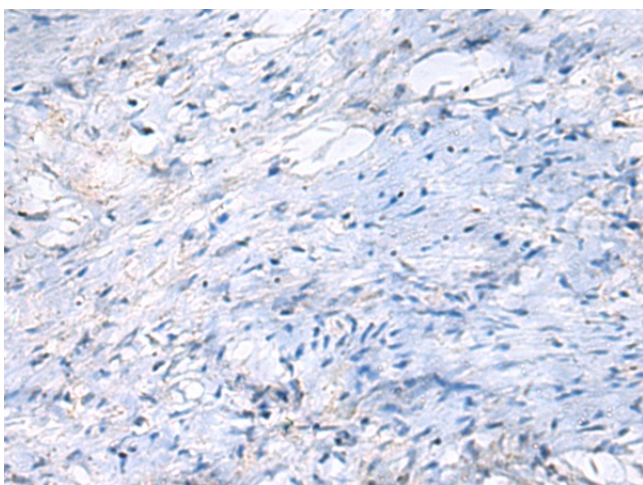
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA351285] (IL19 Antibody) at dilution 1/25 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA351285] (IL19 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA351285] (IL19 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA351285] (IL19 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)