

Product datasheet for **TA367096**

IL19 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Mouse liver tissue and Rat liver tissue lysates IHC: 50-200 Positive control: Human colorectal cancer Predicted cell location: Secreted
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human IL19
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	20 kDa
Gene Name:	interleukin 19
Database Link:	Entrez Gene 29949 Human Q9UHD0



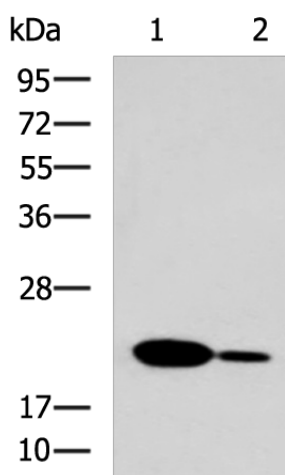
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Background:

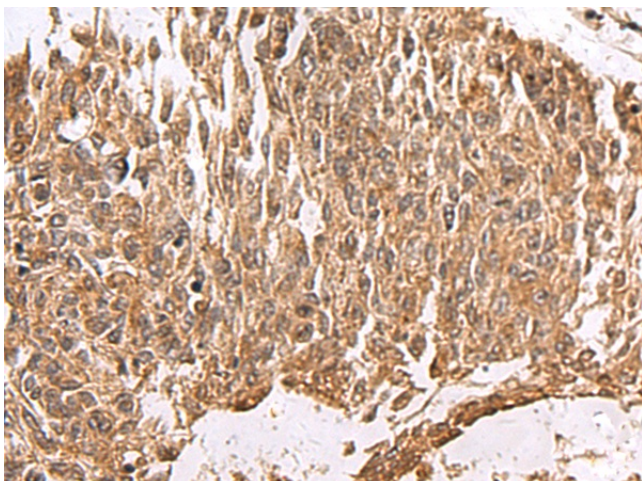
The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar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

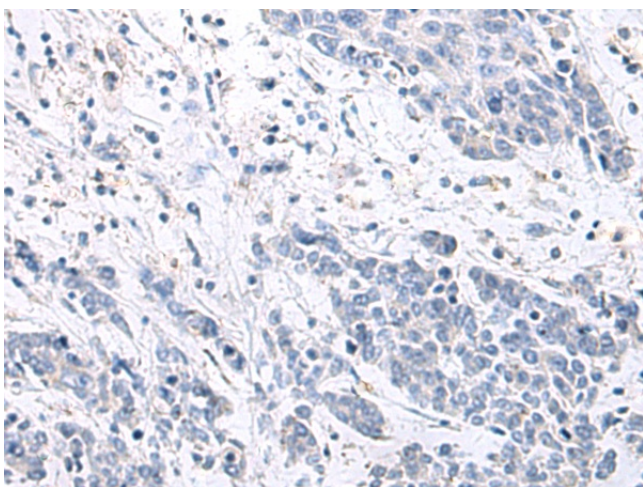
IL-10C; IL-19; MDA1; NG.1; ZMDA1

Product images:

Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane 1-2: Mouse liver tissue and Rat liver tissue lysates
Primary antibody: TA367096 (IL19 Antibody) at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA367096 (IL19 Antibody) at dilution 1/45 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA367096 (IL19 Antibody) at dilution 1/45, treated with synthetic peptide. (Original magnification: $\times 200$)