

## Product datasheet for **TA326664**

### IL1F10 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	IL-1F10 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human IL-1F10.
Formulation:	IL-1F10 antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	IL-1F10 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 17 kDa; Observed: 20 kDa
Gene Name:	interleukin 1 family member 10 (theta)
Database Link:	<a href="#">NP_775184</a> <a href="#">Entrez Gene 84639 Human</a> <a href="#">Q8WWZ1</a>

**Background:** The cytokine IL-1 is responsible for initiating a variety of activities through the activation of transcription factors, NF-kappa B and AP-1, thereby promoting host response to injury or infection (1). IL-1F10 (Interleukin-1 family member 10), also known as FIL1T, IL1HY2 or FKSG75, is highly expressed in the skin, spleen and proliferating B-cells of the tonsil (2). IL-1F10 binds soluble IL-1 receptor type 1, and is one of nine Interleukin 1 families clustered on chromosome 2, where it is thought to participate in the regulation of adapted and innate immune responses (3). IL-1F10 and IL-1RN polymorphisms may play an important role in the susceptibility to developing rheumatoid arthritis (4).

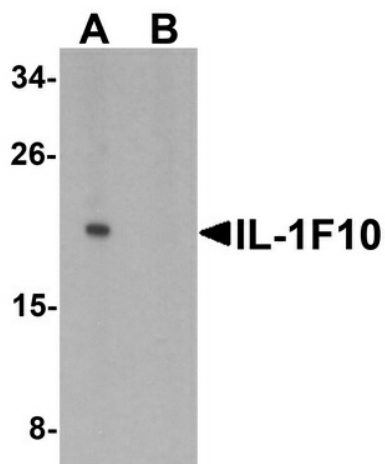


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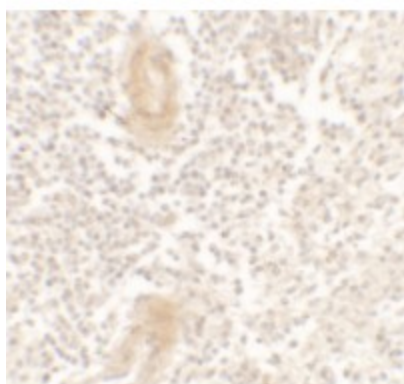
Synonyms: FIL1-theta; FKSG75; IL-1HY2; IL-38; IL1-theta; IL1HY2

Protein Families: Druggable Genome, Secreted Protein

### Product images:



Western blot analysis of IL-1F10 in human liver tissue lysate with IL-1F10 antibody at 1 ug/ml in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of IL-1F10 in human spleen tissue with IL-1F10 antibody at 5 ug/mL.