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## Datasheet for ABIN5564279 anti-IL1F10 antibody

### Overview

Quantity:	100 µg
Target:	IL1F10
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL1F10 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

### Product Details

Immunogen:	Recombinant human IL-38.
Clone:	Nhat-1
Isotype:	IgG2b
Specificity:	Recognizes human and mouse IL-38.
Cross-Reactivity:	Human, Mouse (Murine)
Purity:	>95 % (SDS-PAGE)

### Target Details

Target:	IL1F10
Alternative Name:	IL-38 ( <a href="#">IL1F10 Products</a> )
Background:	IL-38 (IL-1F10) belongs to the IL-1 family of proteins. IL-38 is expressed in heart, placenta, fetal

## Target Details

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liver, spleen, thymus and tonsil. The expression in a variety of immune tissues and similarity to IL-1Ra suggest a role of IL-38 as a IL-1 family receptor antagonist. IL-38 inhibits IL-36 signaling by binding to IL-1R6. IL-38 (aa 20-152) is released from apoptotic cells to limit inflammatory macrophage and downstream Th17 activation by blocking IL1RAPL1 (Interleukin-1 receptor accessory protein-like 1, TIGIRR-2) signaling. IL-38 is unregulated during some autoimmune diseases such as Systemic Lupus Erythematosus.

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: Lot specific

Buffer: In PBS containing 10 % glycerol and 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months