# antibodies -online.com





## anti-IL1RL1 antibody (N-Term)

2 Images



Go to Product page

( )	11/	IN	/ie	A .
	/ // <del> </del>	۱ ات	/   (−	' \/\/

Quantity:	0.1 mg
Target:	IL1RL1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

#### **Product Details**

Immunogen:	A synthetic peptide corresponding to 16 amino acids at the amino-terminus of Mouse ST2.  Remarks: This peptide is common to all three known ST2 isoforms.
Isotype:	IgG
Specificity:	This antibody detects ST2 at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse.
Purification:	Peptide Affinity Chromatography

## **Target Details**

Target:	IL1RL1
Alternative Name:	IL1RL1 / ST2 (IL1RL1 Products)

## **Target Details**

Handling Advice:

Storage Comment:

Storage:

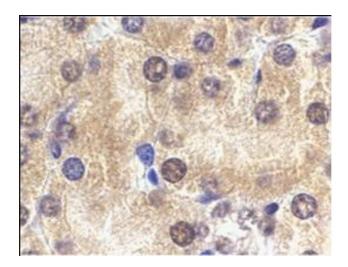
Target Details			
Background:	ST2 is a member of a superfamily containing the interleukin-1 receptor and the Toll-like		
	receptors (TLRs). The TLRs are signaling molecules that recognize different microbial products		
	during infection and serve as an important link between the innate and adaptive immune		
	responses (1,2). ST2 was originally identified as a protein whose production was stimulated by		
	various proliferation-inducing agents such as PDGF and FGF (3). More recently, it has been		
	shown to negatively regulate IL-1 receptor and Toll-like receptor (TLR) 4 signaling and to		
	maintain endotoxin tolerance (4,5). It has been suggested that the inhibition of TLR4 signaling		
	occurs through the association and sequestering of TLR adaptor molecules such as MyD88		
	and TIRAP (6). Synonyms: DER4, FIT-1, Homolog of mouse growth stimulation-expressed,		
	Interleukin-1 receptor-like 1, MGC32623		
Gene ID:	9173		
NCBI Accession:	NP_003847		
Application Details			
Application Notes:	ELISA. Western blot: 1-2 μg/mL. Immunohistochemistry on Paraffin Sections. Positive Control:		
	Mouse Kidney Tissue Lysate.		
	Other applications not tested.		
	Optimal dilutions are dependent on conditions and should be determined by the user.		
Restrictions:	For Research Use only		
Handling			
Concentration:	1.0 mg/mL		
Buffer:	PBS, 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		

Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

should be handled by trained staff only.

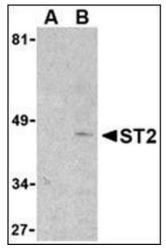
Avoid repeated freezing and thawing.

4 °C/-20 °C



### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of ST2 in mouse kidney tissue with this product at  $2 \mu g/ml$ .



### **Western Blotting**

**Image 2.** Western blot analysis of ST2 in mouse kidney lysate with this product at 1  $\mu$ g/ml in the presence (lane A) or absence (lane B) of 1  $\mu$ g blocking peptide.