

Datasheet for ABIN360904

anti-IL1RL1 antibody (Extracellular Domain)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	IL1RL1
Binding Specificity:	Extracellular Domain
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This IL1RL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Purified Mouse Recombinant IL-1 R4 extracellular domain
Clone:	3F22
Isotype:	IgG2
Specificity:	This antibody detects IL-1 R4.
Purification:	Protein A/G Affinity Chromatography
Sterility:	0.2 µm filtered

Target Details

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

Target Details

Background: ST2 is a member of the Toll-Interleukin 1 receptor (TIR) superfamily, expressed by mast cells and TH2 helper cells, but not by TH1 effector cells. The majority of TIR superfamily members, which includes the Interleukin-1 receptor (IL-1R1), Toll-like receptors (TLRs) and the cytosolic adaptor proteins MyD88, TIRAP, Trif and TRAM, initiate innate immunity through the ultimate activation of the transcription factor NF-kappaB and are inducers of the inflammatory response. In contrast ST2, which itself is unable to activate NF-kappaB, has been identified as a negative regulator of IL-1R1 and TLR4 signaling by sequestering MyD88 and TIRAP, in line with its role as a crucial receptor in TH2-cell mediated responses. Synonyms: DER4, FIT-1, Homolog of mouse growth stimulation-expressed, Interleukin-1 receptor-like 1, MGC32623

Gene ID: 17082

NCBI Accession: [NP_001020773](#)

UniProt: [P14719](#)

Application Details

Application Notes: Western Blot: 1/500 - 1/1000.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Reconstitution: Restore with 200 µL sterile PBS and the final concentration is 500 µg/mL.

Buffer: Lyophilized from a 0.2 µm filtered solution in PBS

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Prior to reconstitution store at 2-8 °C. Following reconstitution store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.