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# Datasheet for ABIN7267971 anti-IL1RN antibody

4 Images



#### Overview

Quantity:	100 μL
Target:	IL1RN
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This IL1RN antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

### Product Details

Purpose:	IL1RA Rabbit mAb
Immunogen:	A synthesized peptide derived from human IL1RA
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	IL1RN
Alternative Name:	IL1RN (IL1RN Products)
Background:	The protein encoded by this gene is a member of the interleukin 1 cytokine family. This protein

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inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates
a variety of interleukin 1 related immune and inflammatory responses. This gene and five other
closely related cytokine genes form a gene cluster spanning approximately 400 kb on
chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of
osteoporotic fractures and gastric cancer. Several alternatively spliced transcript variants
encoding distinct isoforms have been reported. [provided by RefSeq, Jan 2016],DIRA, ICIL-1RA,
IL-1RN, IL-1ra, IL-1ra3, IL1F3, IL1RA, IRAP, MVCD4,Cell Biology & Developmental Biology,Cell
Intrinsic Innate Immunity Signaling Pathway,Cytokines,Cytokines_Interleukins,Growth
factors,Immunology & Inflammation,IL1RN

Molecular Weight:	20kDa
Gene ID:	3557
UniProt:	P18510
Pathways:	NF-kappaB Signaling, Hormone Transport, Cancer Immune Checkpoints

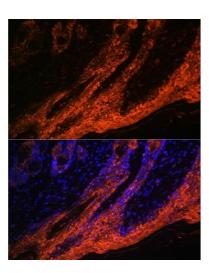
## Application Details

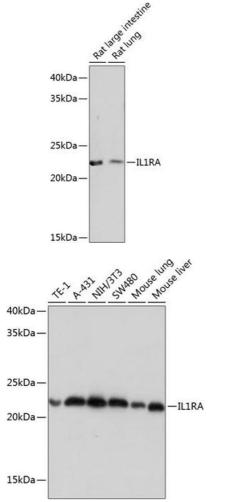
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of human skin cancer using IL1RA Rabbit mAb (ABIN7267971) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using IL1RA Rabbit mAb (ABIN7267971) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

#### **Western Blotting**

**Image 3.** Western blot analysis of extracts of various cell lines, using IL1RA Rabbit mAb (ABIN7267971) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

Please check the product details page for more images. Overall 4 images are available for ABIN7267971.

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