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Datasheet for ABIN2856630 anti-IL1R2 antibody

4 Images



#### Overview

Quantity:	100 µL
Target:	IL1R2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL1R2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded
	Sections) (IHC (p)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human IL1 Receptor 2. The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to IL1 receptor 2 (interleukin 1 receptor, type II) IL1 Receptor 2 antibody [N3C3]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	IL1R2
Alternative Name:	interleukin 1 receptor type 2 (IL1R2 Products)

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## Target Details

Background:	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1
	receptor family. This protein binds interleukin alpha (IL1A), interleukin beta (IL1B), and
	interleukin 1 receptor, type I(IL1R1/IL1RA), and acts as a decoy receptor that inhibits the activity
	of its ligands. Interleukin 4 (IL4) is reported to antagonize the activity of interleukin 1 by inducing
	the expression and release of this cytokine. This gene and three other genes form a cytokine
	receptor gene cluster on chromosome 2q12. Two alternatively spliced transcript variants
	encoding the same protein have been reported.

Cellular Localization: Membrane, Single-pass type I membrane protein

Molecular Weight:	45 kDa
Gene ID:	7850
UniProt:	P27930
Pathways:	NF-kappaB Signaling

# Application Details

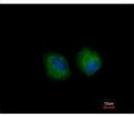
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations
	should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , mouse brain , rat brain
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

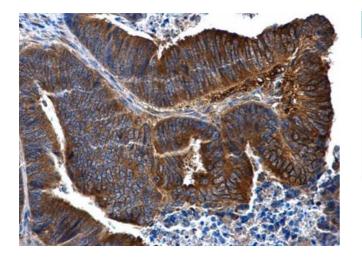
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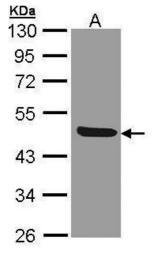


**Image 1.** ICC/IF Image Immunofluorescence analysis of methanol-fixed A549, using IL1 Receptor 2, antibody at 1:500 dilution.



#### Immunohistochemistry

**Image 2.** IHC-P Image IL1 Receptor 2 antibody [N3C3] detects IL1 Receptor 2 protein at cytoplasm in human colon cancer by immunohistochemical analysis. Sample: Paraffinembedded human colon cancer. IL1 Receptor 2 antibody [N3C3], diluted at 1:500.



#### Western Blotting

**Image 3.** WB Image Sample (30 ug of whole cell lysate) A: 293T 10% SDS PAGE antibody diluted at 1:1000

Please check the product details page for more images. Overall 4 images are available for ABIN2856630.

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