

Datasheet for ABIN570867
anti-IL1R2 antibody (Internal Region)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	IL1R2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IL1R2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Purpose:	IL1R2
Immunogen:	C-QYNITRSIELRIKK
Sequence:	QYNITRSIEL RIKK
Isotype:	IgG
Specificity:	This antibody is expected to cross-react with both reported isoforms (NP_004624.1, NP_001248348.1). Reported variants represent identical protein: NP_775465.1, NP_004624.1
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

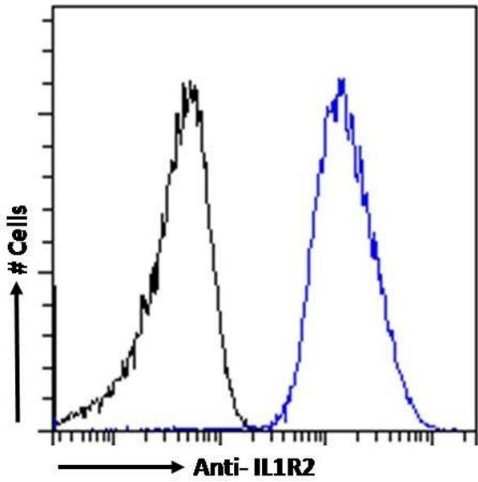
Target:	IL1R2
Alternative Name:	IL1R2 (IL1R2 Products)
Background:	IL1R2, interleukin 1 receptor, type II, CD121b, IL1RB, MGC47725, antigen CDw121b, type II interleukin-1 receptor, beta
Gene ID:	7850
NCBI Accession:	NP_004624 , NP_001248348
Pathways:	NF-kappaB Signaling

Application Details

Application Notes:	Western Blot: Approx 45 kDa band observed in lysates of cell lines LNCaP and MOLT-4 (calculated MW o 45.4 kDa according to NP_004624.1). Recommended concentration:0.3-1 µg/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the membranes and cytoplasm of A549 cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of A549 cells. Recommended concentrat
Restrictions:	For Research Use only

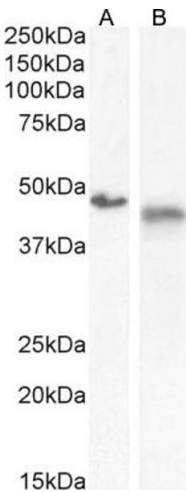
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



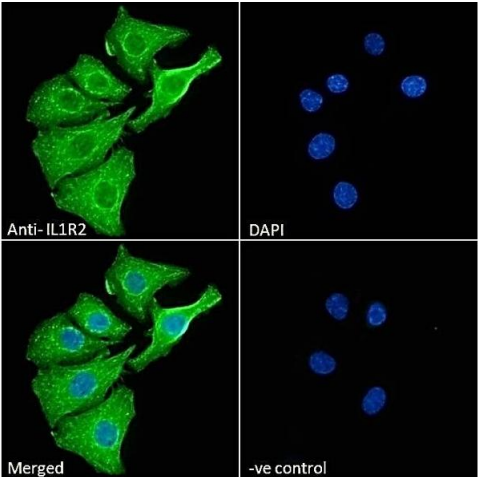
Flow Cytometry

Image 1. (ABIN570867) Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) fol



Western Blotting

Image 2. (ABIN570867) (0.5 µg/mL) staining of LNCaP (A) and (1 µg/mL) MOLT-4 (B) cell- lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



Immunofluorescence

Image 3. (ABIN570867) Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing membrane and cytoplasmic staining. The nuclear sta