

**KB472**

For research use only

# Anti Human IL1R1 Polyclonal Antibody

**Code No.** KB472  
**Target** IL1R1  
**Category** Immunology  
**Gene ID** 3554  
**Primary Source** HGNC:5993  
**Synonyms** P80; IL1R; IL1RA; CD121A; D2S1473; IL-1R-alpha; IL1R1

**Type** Polyclonal Antibody  
**Immunogen** Recombinant protein of full length Human IL1R1

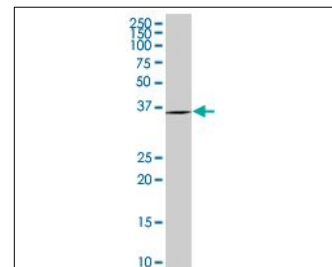
**Raised in** Mouse  
**Myeloma** -  
**Clone number** -  
**Purification** Protein A purified  
**Source** Mouse Serum  
**Isotype** -  
**Cross Reactivity** -  
**Label** Unlabeled  
**Concentration** 1 mg/mL  
**Contents (Volume)** 50 µg  
**Buffer** PBS, pH 7.2

**Storage** Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

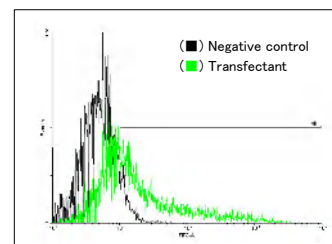
**Application** WB,FCM

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	1.0	-	-

(µg/mL)



[WB] IL1R1 transfected 293T cell lysate



[FCM] IL1R1 expressing 293 cells

## Reference

- Chua A.O., et al. "Sequence of the cDNA for the human fibroblast type interleukin-1 receptor." Nucleic Acids Res. 17:10114-10114(1989)
- Sims J.E., et al. "Cloning the interleukin 1 receptor from human T cells." Proc. Natl. Acad. Sci. U.S.A. 86:8946-8950(1989)
- The MGC Project Team, et al. "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)." Genome Res. 14:2121-2127(2004)

## UniPlot Summary

//Function: Receptor for interleukin-1 alpha (IL-1A), beta (IL-1B), and interleukin-1 receptor antagonist protein (IL-1RA). Binding to the agonist leads to the activation of NF-kappa-B. Signaling involves formation of a ternary complex containing IL1RAP, TOLLIP, MYD88, and IRAK1 or IRAK2.

//Subcellular location: Membrane; Single-pass type I membrane protein.

//Sequence similarities: Belongs to the interleukin-1 receptor family. Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 TIR domain.