

For Research Use Only

IL-1R2 Monoclonal antibody

Catalog Number: 60262-1-Ig **2 Publications**



Basic Information

Catalog Number: 60262-1-Ig	GenBank Accession Number: BC039031	Purification Method: Protein A purification
Size: 3200 µg/ml	GeneID (NCBI): 7850	CloneNo.: 3H4H4
Source: Mouse	UNIPROT ID: P27930	Recommended Dilutions: WB 1:500-1:2000 IF 1:20-1:200
Isotype: IgG2a	Full Name: interleukin 1 receptor, type II	
Immunogen Catalog Number: AG4495	Calculated MW: 398 aa, 45 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls: WB : HeLa cells, IF : HeLa cells,
Cited Applications: WB, IF	
Species Specificity: human, mouse	
Cited Species: rat, mouse	

Background Information

Interleukin-1 receptor type 2 (IL1R2, also known as CD121b) is a cytokine receptor that belongs to the interleukin 1 receptor family. It exists in both a membrane bound and soluble form. IL1R2 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. IL1R2 serves as a negative regulator of IL-1 signaling, thereby suppressing inflammatory response.

Notable Publications

Author	Pubmed ID	Journal	Application
Jingzhe Wang	37273799	Mater Today Bio	WB
Meng-Bing Chen	36806583	Biochem Pharmacol	IF, WB

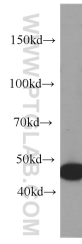
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

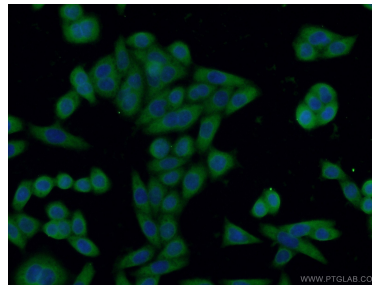
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 60262-1-Ig (IL1R2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 60262-1-Ig (IL1R2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).