

For Research Use Only

# CoraLite®594-conjugated IL-1R2 Monoclonal antibody

Catalog Number:CL594-60262



## Basic Information

### Catalog Number:

CL594-60262

### Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

### Source:

Mouse

### Isotype:

IgG2a

### Immunogen Catalog Number:

AG4495

### GenBank Accession Number:

BC039031

### GeneID (NCBI):

7850

### UNIPROT ID:

P27930

### Full Name:

interleukin 1 receptor, type II

### Calculated MW:

398 aa, 45 kDa

### Observed MW:

45 kDa

### Purification Method:

Protein A purification

### CloneNo.:

3H4H4

### Recommended Dilutions:

IF/ICC 1:50-1:500

### Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

### Tested Applications:

IF/ICC

### Species Specificity:

human, mouse

### Positive Controls:

IF/ICC : HeLa cells,

## 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.

## Storage

### Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

### Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

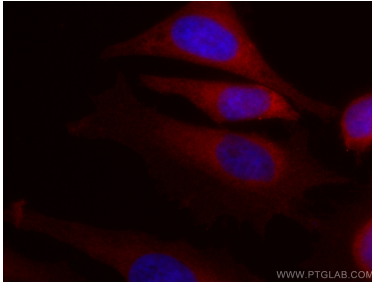
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Coralite®594-conjugated IL1R2 antibody (CL594-60262, Clone: 3H4H4 ) at dilution of 1:100.