

For Research Use Only

# CoraLite® Plus 488-conjugated CXCR2 Polyclonal antibody

Catalog Number: CL488-20634

Featured Product



## Basic Information

Catalog Number:

CL488-20634

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14670

GenBank Accession Number:

BC037961

GeneID (NCBI):

3579

UNIPROT ID:

P25025

Full Name:

interleukin 8 receptor, beta

Calculated MW:

360 aa, 41 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

IL8RB, also named as CXCR2, GRO/MGSA receptor, IL-8 receptor type 2, CDw128b and CD182, belongs to the G-protein coupled receptor 1 family. It is a receptor for interleukin-8 which is a powerful neutrophil chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. It binds to IL-8 with high affinity. IL8RB also binds with high affinity to CXCL3, GRO/MGSA and NAP-2. This antibody is specific to human IL8RB.

## 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

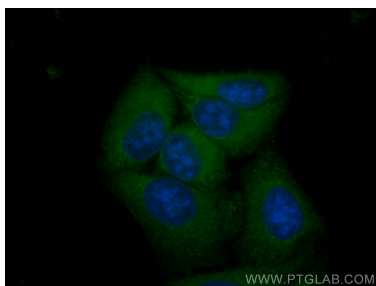
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 CXCR2 antibody (CL488-20634) at dilution of 1:200.