

# CoraLite® Plus 488-conjugated CXCR2 Polyclonal antibody

Catalog Number: **CL488-20634**

## Basic Information

**Catalog Number:**

CL488-20634

**Size:**

1000 µg/ml

**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:**

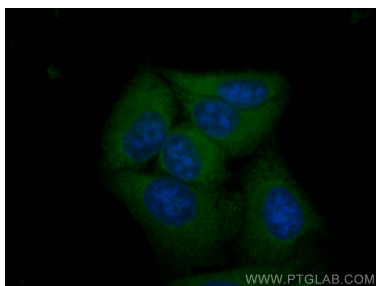
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

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

Aliquoting is unnecessary for -20°C storage

## 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.