

For Research Use Only

CoraLite® Plus 488-conjugated CXCR2 Polyclonal antibody



Catalog Number: CL488-20634

Basic Information

Catalog Number: CL488-20634	GenBank Accession Number: BC037961	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 3579	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	UNIPROT ID: P25025	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: interleukin 8 receptor, beta	
Immunogen Catalog Number: AG14670	Calculated MW: 360 aa, 41 kDa	
	Observed MW: 45-50 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HepG2 cells,
Species Specificity: human	

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:

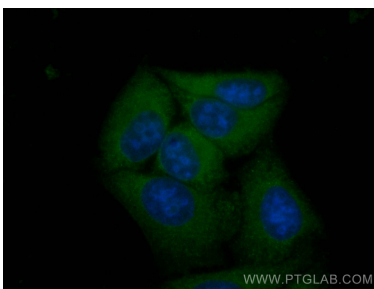
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Selected Validation Data



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