

For Research Use Only

# CoraLite® Plus 488-conjugated MYDGF/C19orf10 Monoclonal antibody

Catalog Number:CL488-68131



## Basic Information

Catalog Number:

CL488-68131

Size:

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

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG13438

GenBank Accession Number:

BC010129

GeneID (NCBI):

56005

UNIPROT ID:

Q969H8

Full Name:

chromosome 19 open reading frame 10

Calculated MW:

173 aa, 19 kDa

Observed MW:

15-19 kDa

Purification Method:

Protein G purification

CloneNo.:

1H8F4

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

Myeloid-derived growth factor (MYDGF), also named as chromosome 19 open reading frame 10 (C19orf10), is an FLS-derived protein that is secreted into the synovial fluid. MYDGF as a paracrine-acting protein secreted from monocytes/macrophages that improves tissue repair and heart function after myocardial infarction. MYDGF has been reported to regulates neutrophil motility in interstitial tissue damage(PMID: 34047769).

## 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

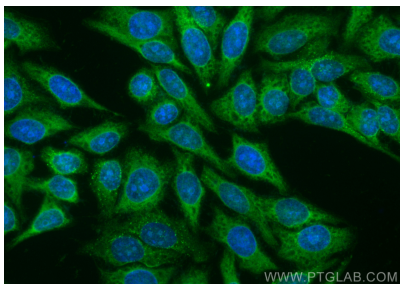
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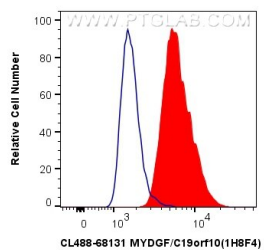
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 MYDGF/C19orf10 antibody (CL488-68131, Clone: 1H8F4 ) at dilution of 1:200.



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human MYDGF/C19orf10 (CL488-68131, Clone:1H8F4) (red), or 0.8 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (MOPC-21) (CL488-65124, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).