

For Research Use Only

# CoraLite® Plus 488-conjugated PGRMC1 Monoclonal antibody



Catalog Number: **CL488-66372**

Featured Product

## Basic Information

Catalog Number: CL488-66372	GenBank Accession Number: BC034238	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10857	CloneNo.: 1C10D11
Source: Mouse	Full Name: progesterone receptor membrane component 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	Calculated MW: 195 aa, 22 kDa	
Immunogen Catalog Number: AG3643	Observed MW: 25-27 kDa	

## Applications

Tested Applications:  
FC (Intra)

Species Specificity:  
human, mouse, rat, pig

## Background Information

Progesterone receptor membrane component 1 (PGRMC1) is a member of a multi-protein progesterone-binding complex. However, PGRMC1 shares homology with cytochrome b5-related proteins rather than hormone receptors (PMID: 18992768). It is a heme binding protein with binding sites for Src homology (SH2) and SH3 domain-containing proteins (PMID: 17583495). PGRMC1 is overexpressed in a variety of cancers, and thus represents an important biomarker for cancer progression and a potential target for anticancer drugs (PMID: 21730960). In nonmalignant tissues, PGRMC1 is highly expressed in the liver and kidney (PMID: 9705155; 20164297).

## 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.

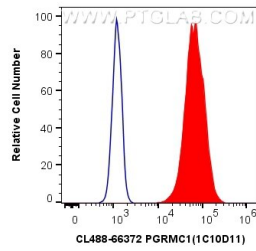
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1X10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human PGRMC1 (CL488-66372, Clone:1C10D11) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).