

For Research Use Only

CoraLite® Plus 488-conjugated PGRMC2 Monoclonal antibody



Catalog Number: CL488-60249

Featured Product

Basic Information

Catalog Number: CL488-60249	GenBank Accession Number: BC016692	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 mg/ml by 10424 Nanodrop;	GeneID (NCBI): Full Name: progesterone receptor membrane component 2	CloneNo.: 5F10D7
Source: Mouse	Calculated MW: 223 aa, 24 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	Observed MW: 24+28 kDa	
Immunogen Catalog Number: AG20077		

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse

Background Information

Membrane-associated progesterone receptor component 2 (PGRMC2), also known as DG6 or PMBP, belongs to the cytochrome b5 family. This protein might play a role in cancer. The gene of PGRMC2 maps to chromosome 4q26, and encodes a 223-amino acid single-pass membrane protein with a cytochrome b5 heme-binding domain in its cytoplasmic domain. PGRMC2 has a calculated molecular weight of 24 kDa. The band of about 28 kDa detected by this monoclonal antibody is unknown but may represent phosphorylated form of PGRMC2 (PMID: 28104494).

Storage

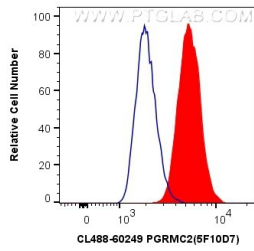
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human PGRMC2 (CL488-60249, Clone:5F10D7) (red), or 0.8 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).