

For Research Use Only

CoraLite® Plus 488-conjugated EIF3M Monoclonal antibody



Catalog Number: CL488-66025

Basic Information

Catalog Number: CL488-66025	GenBank Accession Number: BC019103	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 10480	CloneNo.: 2A12B2
Source: Mouse	UNIPROT ID: Q7L2H7	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Full Name: eukaryotic translation initiation factor 3, subunit M	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG17965	Calculated MW: 374 aa, 43 kDa	
	Observed MW: 43 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : MCF-7 cells,
Species Specificity: human, mouse, rat	

Background Information

EIF3M gene encodes eukaryotic translation initiation factor (eIF) subunit M, also called GA17 or PCID1. eIF-3 complex is required for several steps in the initiation of protein synthesis, and recent studies indicate that regulation of oncogene expression and neoplastic transformation are controlled by eIF subunits. The most uncharacterized non-core subunit EIF3M was confirmed to be highly expressed in human cancer cell lines and colon cancer patient tissues and mediate regulation of tumorigenesis-related genes in human colon cancer.

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:

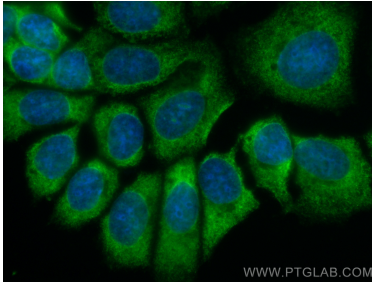
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite® Plus 488 EIF3M antibody (CL488-66025, Clone: 2A12B2) at dilution of 1:200.