

For Research Use Only

# CoraLite®594-conjugated EIF3M Monoclonal antibody

Catalog Number:CL594-66025



## Basic Information

<b>Catalog Number:</b> CL594-66025	<b>GenBank Accession Number:</b> BC019103	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10480	<b>CloneNo.:</b> 2A12B2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q7L2H7	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Full Name:</b> eukaryotic translation initiation factor 3, subunit M	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG17965	<b>Calculated MW:</b> 374 aa, 43 kDa	
	<b>Observed MW:</b> 43 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : MCF-7 cells,
<b>Species Specificity:</b> 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.

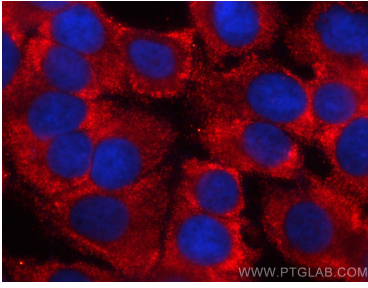
## Storage

**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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite®594 EIF3M antibody (CL594-66025, Clone: 2A12B2 ) at dilution of 1:200.