

For Research Use Only

CoraLite®594-conjugated EIF3M Monoclonal antibody

Catalog Number:CL594-66025



Basic Information

Catalog Number:

CL594-66025

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG17965

GenBank Accession Number:

BC019103

GeneID (NCBI):

10480

UNIPROT ID:

Q7L2H7

Full Name:

eukaryotic translation initiation
factor 3, subunit M

Calculated MW:

374 aa, 43 kDa

Observed MW:

43 kDa

Purification Method:

Protein A purification

CloneNo.:

2A12B2

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : MCF-7 cells,

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:

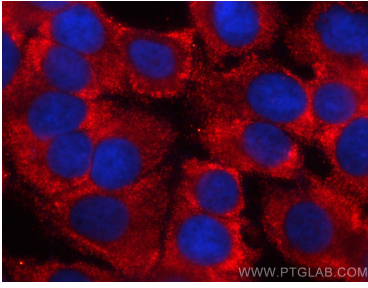
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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