

# CoraLite® Plus 488-conjugated EIF3M Monoclonal antibody

Catalog Number: **CL488-66025**

## Basic Information

**Catalog Number:**

CL488-66025

**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:**

493 nm / 522 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:**

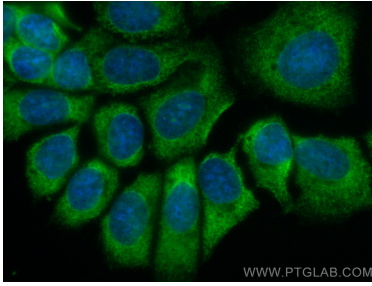
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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.