

For Research Use Only

EIF3M Monoclonal antibody, PBS Only



Catalog Number: 66025-1-PBS

Basic Information

Catalog Number: 66025-1-PBS	GenBank Accession Number: BC019103	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10480	CloneNo.: 2A12B2
Source: Mouse	UNIPROT ID: Q7L2H7	
Isotype: IgG2a	Full Name: eukaryotic translation initiation factor 3, subunit M	
Immunogen Catalog Number: AG17965	Calculated MW: 374 aa, 43 kDa	
	Observed MW: 35-43 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

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

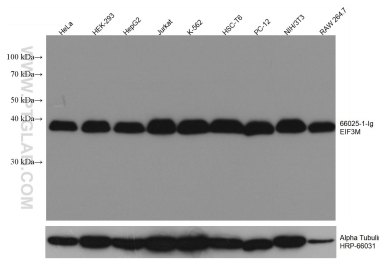
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

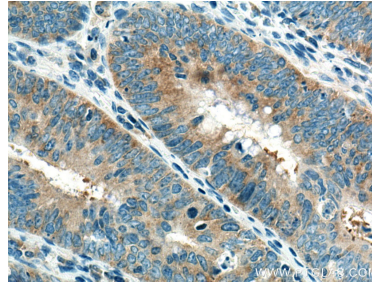
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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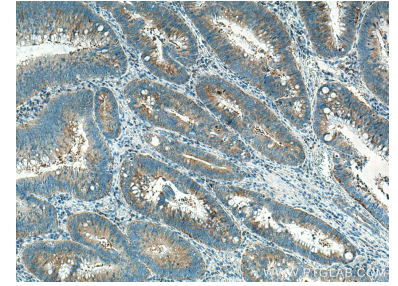
Selected Validation Data



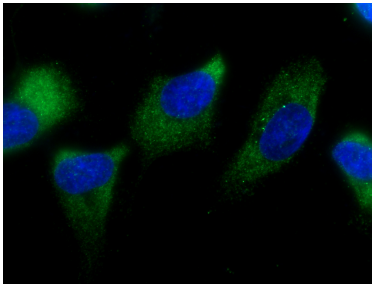
Various lysates were subjected to SDS PAGE followed by western blot with 66025-1-Ig (EIF3M antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 66025-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66025-1-Ig (EIF3M antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66025-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66025-1-Ig (EIF3M antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66025-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 66025-1-Ig (EIF3M antibody), at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66025-1-PBS in a different storage buffer formulation.