

For Research Use Only

CoraLite®594-conjugated EIF3D Monoclonal antibody



Catalog Number:CL594-66024

Basic Information

Catalog Number: CL594-66024	GenBank Accession Number: BC000328	Purification Method: Protein A purification
Size: 100UL, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8664	CloneNo.: 2C5A3
Source: Mouse	Full Name: eukaryotic translation initiation factor 3, subunit D	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 66 kDa	Excitation/Emission maxima wavelengths: 593 nm/614 nm
Immunogen Catalog Number: AG18092	Observed MW: 66 kDa	

Applications

Tested Applications: IF, ELISA	Positive Controls: IF : HeLa cells,
Species Specificity: human, mouse, rat	

Background Information

The mammalian translation initiation factor 3 (eIF3), is a multiprotein complex of ~600 kDa that binds to the 40 S ribosome and promotes the binding of methionyl-tRNAi and mRNA. The EIF3S7(p66) is the major RNA binding subunit in this complex. Human eIF3-p66 shares 64% sequence identity with a hypothetical *Caenorhabditis elegans* protein, presumably the p66 homolog. Deletion analyses of recombinant derivatives of eIF3-p66 show that the RNA-binding domain lies within an N-terminal 71-amino acid region rich in lysine and arginine.

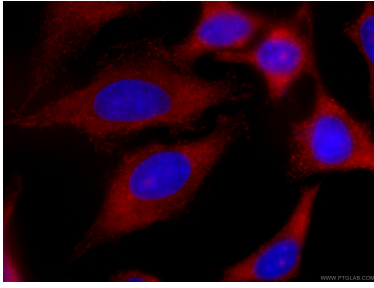
Storage

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)
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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CL594-66024 (EIF3D antibody) at dilution of 1:100.