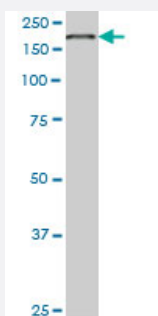


EIF4G1 monoclonal antibody (M01), clone 3A10

Catalog # H00001981-M01

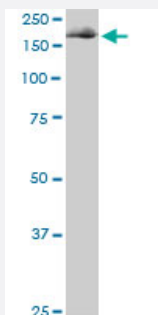
Size 100 ug

Applications



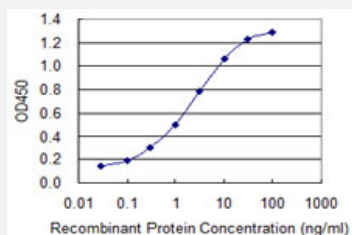
Western Blot (Cell lysate)

EIF4G1 monoclonal antibody (M01), clone 3A10. Western Blot analysis of EIF4G1 expression in IMR-32 (Cat # L008V1).



Western Blot (Cell lysate)

EIF4G1 monoclonal antibody (M01), clone 3A10. Western Blot analysis of EIF4G1 expression in NIH/3T3 (Cat # L018V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EIF4G1 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EIF4G1.
Immunogen	EIF4G1 (NP_886553, 1500 a.a. ~ 1599 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DVAVLKARAKLLQKYLCDQKELQALYALQALVVTLEQPPNLLRMFFDALYDEDVVKEDAFYSW ESSKDPAEQQKGVALKSVTAFFKWLREAEESDHN
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (94); Rat (93)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

EIF4G1 monoclonal antibody (M01), clone 3A10. Western Blot analysis of EIF4G1 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

EIF4G1 monoclonal antibody (M01), clone 3A10. Western Blot analysis of EIF4G1 expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EIF4G1 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — EIF4G1

Entrez GeneID [1981](#)

GeneBank Accession# [NM_182917](#)

Protein Accession# [NP_886553](#)

Gene Name EIF4G1

Gene Alias DKFZp686A1451, EIF4F, EIF4G, p220

Gene Description eukaryotic translation initiation factor 4 gamma, 1

Omim ID [600495](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a component of the protein complex EIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure, and recruitment of mRNA to the ribosome. Alternative splicing results in five transcript variants encoding four distinct isoforms. [provided by RefSeq]

Other Designations EIF4-gamma