

EIF4G3 Antibody (monoclonal) (M03)**Mouse monoclonal antibody raised against a full length recombinant EIF4G3.****Catalog # AT1884a****Specification**

EIF4G3 Antibody (monoclonal) (M03) - Product Information

Application	WB, IHC, E
Primary Accession	O43432
Other Accession	BC030578
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	176652

EIF4G3 Antibody (monoclonal) (M03) - Additional Information**Gene ID** 8672**Other Names**

Eukaryotic translation initiation factor 4 gamma 3, eIF-4-gamma 3, eIF-4G 3, eIF4G 3, eIF-4-gamma II, eIF4GII, EIF4G3

Target/Specificity

EIF4G3 (AAH30578, 1 a.a. ~ 515 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

EIF4G3 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

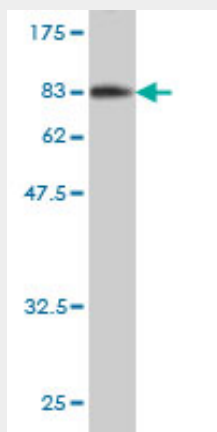
EIF4G3 Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

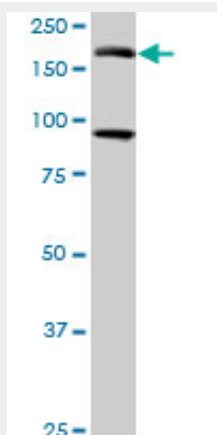
- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

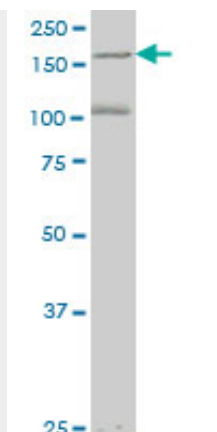
EIF4G3 Antibody (monoclonal) (M03) - Images



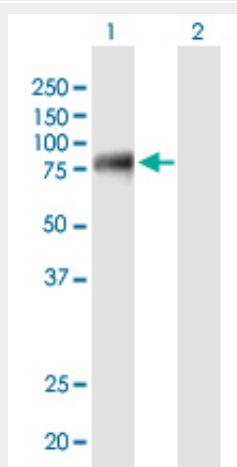
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (82.39 KDa) .



EIF4G3 monoclonal antibody (M03), clone 1H5. Western Blot analysis of EIF4G3 expression in HeLa (Cat # AT1884a)



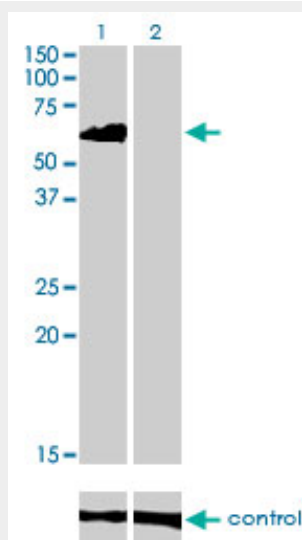
EIF4G3 monoclonal antibody (M03), clone 1H5 Western Blot analysis of EIF4G3 expression in MCF-7 (Cat # AT1884a)



Western Blot analysis of EIF4G3 expression in transfected 293T cell line by EIF4G3 monoclonal antibody (M03), clone 1H5.

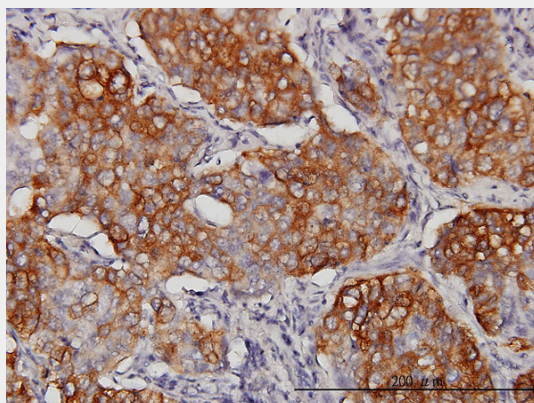
Lane 1: EIF4G3 transfected lysate(55.2 KDa).

Lane 2: Non-transfected lysate.

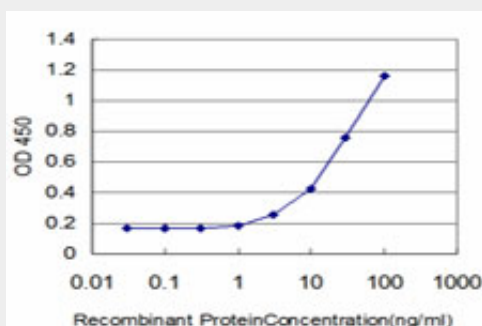


Western blot analysis of EIF4G3 over-expressed 293 cell line, cotransfected with EIF4G3 Validated

Chimera RNAi ((Cat # AT1884a)



Immunoperoxidase of monoclonal antibody to EIF4G3 on formalin-fixed paraffin-embedded human lung, adenosquamous cell carcinoma. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged EIF4G3 is approximately 1ng/ml as a capture antibody.

EIF4G3 Antibody (monoclonal) (M03) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983. A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243.