

EEF1G Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant EEF1G.****Catalog # AT1857a****Specification**

EEF1G Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, E
Primary Accession	P26641
Other Accession	BC015813
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	50119

EEF1G Antibody (monoclonal) (M01) - Additional Information**Gene ID** 1937**Other Names**

Elongation factor 1-gamma, EF-1-gamma, eEF-1B gamma, EEF1G, EF1G

Target/Specificity

EEF1G (AAH15813.1, 1 a.a. ~ 437 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

EEF1G Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

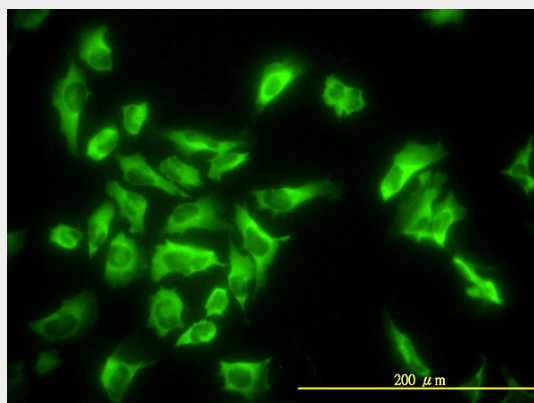
EEF1G Antibody (monoclonal) (M01) - Protocols

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

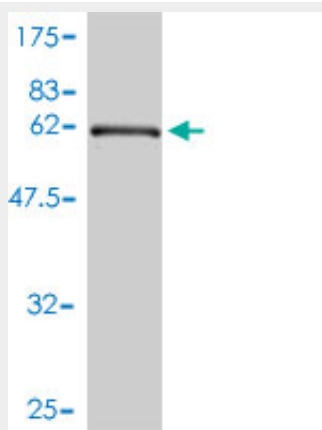
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

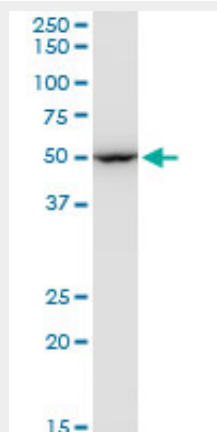
EEF1G Antibody (monoclonal) (M01) - Images



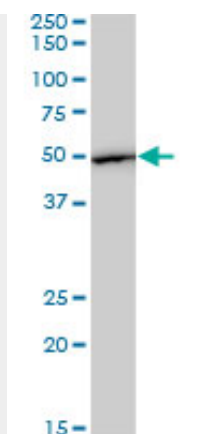
Immunofluorescence of monoclonal antibody to EEF1G on HeLa cell. [antibody concentration 10 ug/ml]



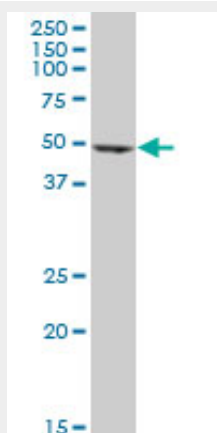
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (73.59 KDa) .



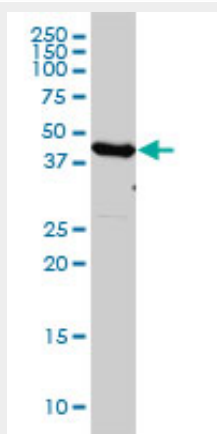
EEF1G monoclonal antibody (M01), clone 3F11-1A10. Western Blot analysis of EEF1G expression in PC-12 (Cat # AT1857a)



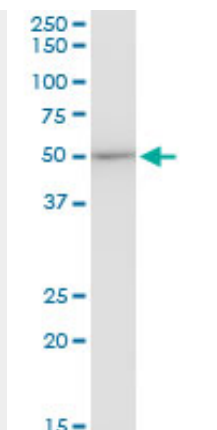
EEF1G monoclonal antibody (M01), clone 3F11-1A10. Western Blot analysis of EEF1G expression in HepG2 (Cat # AT1857a)



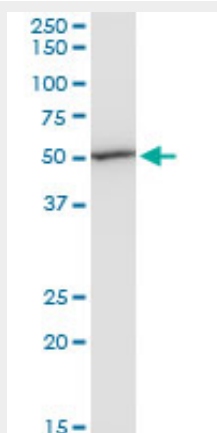
EEF1G monoclonal antibody (M01), clone 3F11-1A10. Western Blot analysis of EEF1G expression in 293 (Cat # AT1857a)



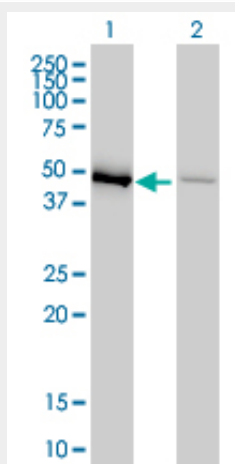
EEF1G monoclonal antibody (M01), clone 3F11-1A10 Western Blot analysis of EEF1G expression in HL-60 (Cat # AT1857a)



EEF1G monoclonal antibody (M01), clone 3F11-1A10. Western Blot analysis of EEF1G expression in Raw 264.7((Cat # AT1857a)

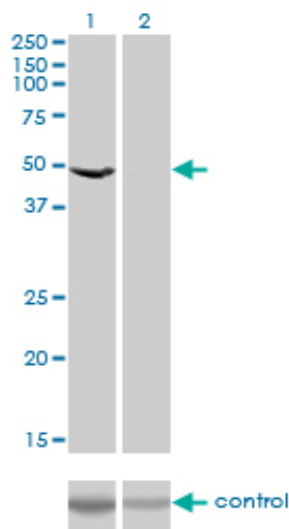


EEF1G monoclonal antibody (M01), clone 3F11-1A10. Western Blot analysis of EEF1G expression in NIH/3T3((Cat # AT1857a)



Western Blot analysis of EEF1G expression in transfected 293T cell line by EEF1G monoclonal antibody (M01), clone 3F11-1A10.

Lane 1: EEF1G transfected lysate(50 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged EEF1G is approximately 0.1ng/ml as a capture antibody.

EEF1G Antibody (monoclonal) (M01) - Background

This gene encodes a subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit contains an N-terminal glutathione transferase domain, which may be involved in regulating the assembly of multisubunit complexes containing this elongation factor and aminoacyl-tRNA synthetases.

EEF1G Antibody (monoclonal) (M01) - References

1.The eEF1 gamma Subunit Contacts RNA Polymerase II and Binds Vimentin Promoter Region. Corbi N, Batassa EM, Pisani C, Onori A, Di Certo MG, Strimpakos G, Fanciulli M, Mattei E, Passananti C. PLoS One. 2010 Dec 31;5(12):e14481.