

anti- EIF3M antibody

Product Information

Catalog No.:	FNab02715
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	1A4
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Component of the eukaryotic translation initiation factor 3(eIF-3) complex, which is required for several steps in the initiation of protein synthesis. The eIF-3 complex associates with the 40S ribosome and facilitates the recruitment of eIF-1, eIF-1A, eIF-2:GTP:methionyl-tRNA_i and eIF-5 to form the 43S preinitiation complex(43S PIC). The eIF-3 complex stimulates mRNA recruitment to the 43S PIC and scanning of the mRNA for AUG recognition. The eIF-3 complex is also required for disassembly and recycling of post-termination ribosomal complexes and subsequently prevents premature joining of the 40S and 60S ribosomal subunits prior to initiation. May favor virus entry in case of infection with herpes simplex virus 1(HSV1) or herpes simplex virus 2(HSV2).

Immunogen information

Immunogen:	eukaryotic translation initiation factor 3, subunit M
Synonyms:	HFLB5, PCID1
Observed MW:	43 kDa
Uniprot ID :	Q7L2H7

Application

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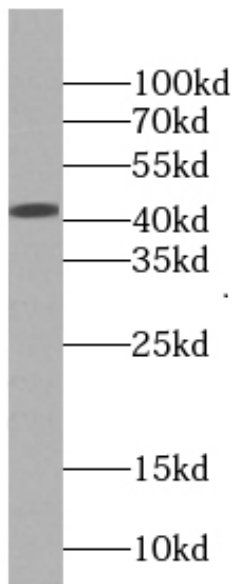
www.fn-test.com

Reactivity: Human

Tested Application: ELISA, WB, IF

Recommended dilution: WB: 1:500-1:2000; IF: 1:10-1:100

Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab02715(EIF3M antibody) at dilution of 1:1000

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