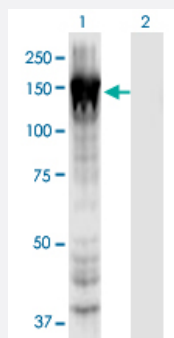


MYO1E monoclonal antibody (M02), clone 7A5

Catalog # H00004643-M02

Size 100 ug

Applications

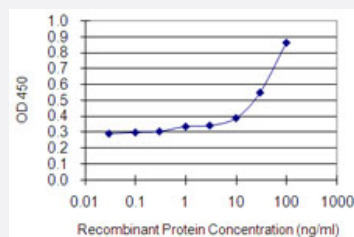


Western Blot (Transfected lysate)

Western Blot analysis of MYO1E expression in transfected 293T cell line by MYO1E monoclonal antibody (M02), clone 7A5.

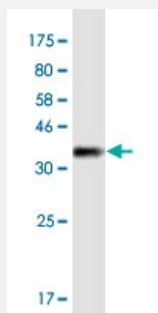
Lane 1: MYO1E transfected lysate (Predicted MW: 127.1 kDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYO1E is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.41 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant MYO1E.

Immunogen	MYO1E (NP_004989.2, 918 a.a. ~ 1014 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VSIGPGLPKNSRPTRRNTTQNTGYSSGTQNANYPVRAAPPPPGYHQNGVIRNQYVPYPHAPGSQR SNQKSLYTSMARPPLPRQQSTSSDRVSQTPES
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (77)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 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 (Transfected lysate)

Western Blot analysis of MYO1E expression in transfected 293T cell line by MYO1E monoclonal antibody (M02), clone 7A5.

Lane 1: MYO1E transfected lysate (Predicted MW: 127.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYO1E is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — MYO1E

Entrez GeneID	4643
GeneBank Accession#	NM_004998
Protein Accession#	NP_004989.2
Gene Name	MYO1E
Gene Alias	HuncM-IC, MGC104638, MYO1C
Gene Description	myosin IE
Omim ID	601479
Gene Ontology	Hyperlink
Other Designations	MYO1E variant protein myosin-IC

Disease

- [Tobacco Use Disorder](#)