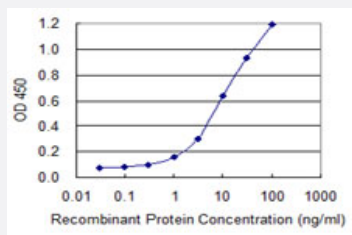


MGEA5 monoclonal antibody (M02), clone 1C7

Catalog # H00010724-M02

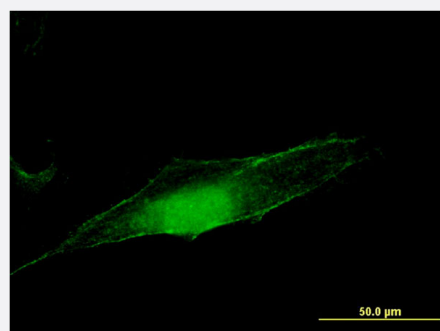
Size 100 ug

Applications



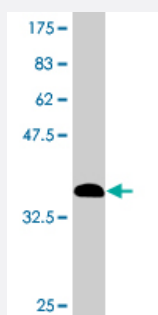
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MGEA5 is 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to MGEA5 on HeLa cell .
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.08 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant MGEA5.

Immunogen	MGEA5 (NP_036347, 823 a.a. ~ 916 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SFHEEQEVLPEFLANFSPSLIKMDIHKVTDPSVAKSMMACLLSSLKANGSRGAFCEVRPDDKRI LEFYSKLGCFEIAKMEGFPKDVVILGRSL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.08 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MGEA5 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to MGEA5 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — MGEA5

Entrez GeneID	10724
GeneBank Accession#	NM_012215

Protein Accession#	NP_036347
Gene Name	MGEA5
Gene Alias	FLJ11229, FLJ23355, KIAA0679, MEA5, NCOAT, OGA
Gene Description	meningioma expressed antigen 5 (hyaluronidase)
Omim ID	604039
Gene Ontology	Hyperlink
Gene Summary	The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT (MIM 300255), which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications (Gao et al., 2001 [PubMed 11148210]).[supplied by OMIM]
Other Designations	O-GlcNAcase OTTHUMP00000020345 hyaluronidase in meningioma nuclear cytoplasmic O-GlcNAcase and acetyltransferase

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)