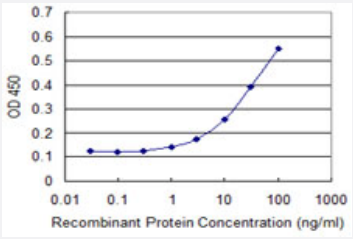
MFRP monoclonal antibody (M01), clone 1E12

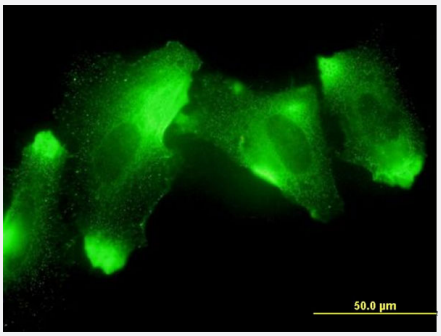
Catalog # H00083552-M01 Size 100 ug

Applications



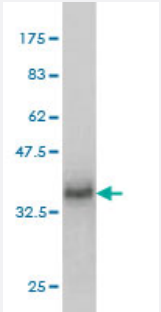
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MFRP.

Immunogen	MFRP (NP_113621, 480 a.a. ~ 579 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NTTAFPNIWVGMITQEEVVEVLSGYKSLTSLPCYQHFRRLLCGLLVPRCTPLGSVLPPCRSVCQEAEHQCQSGLALLGTPWPFNCNRLPEAADLEACAQP
Host	Mouse
Reactivity	Human
Isotype	IgG2b Lambda
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 MFRP is approximately 0.3ng/ml as a capture antibody.

  Protocol Download

- ELISA

- Immunofluorescence

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

Gene Info — MFRP

Entrez GeneID	83552
GeneBank Accession#	NM_031433
Protein Accession#	NP_113621
Gene Name	MFRP

Gene Alias	C1QTNF5, FLJ30570, NNO2, rd6
Gene Description	membrane frizzled-related protein
Omim ID	606227 609549
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the frizzled-related proteins. The encoded protein may play a role in eye development, as mutations in this gene have been associated with nanophthalmos, posterior microphthalmia, retinitis pigmentosa, foveoschisis, and optic disc drusen. The protein is encoded by a bicistronic mRNA, which also encodes C1q and tumor necrosis factor related protein 5
Other Designations	complement C1q tumor necrosis factor-related protein 5 precursor variant 1|membrane-type frizzled-related protein

Disease

- Genetic Predisposition to Disease
- Glaucoma
- Microphthalmos
- Myopia