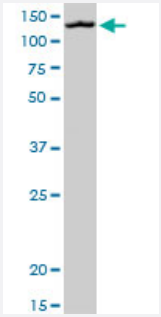
MORC1 monoclonal antibody (M09), clone 3E8

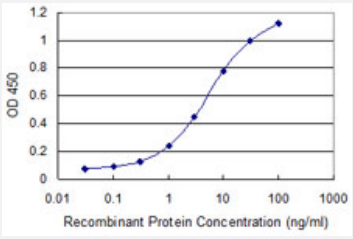
Catalog # H00027136-M09 Size 100 ug

Applications



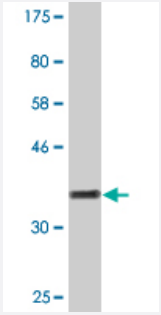
Western Blot (Cell lysate)

MORC1 monoclonal antibody (M09), clone 3E8. Western Blot analysis of MORC1 expression in HepG2(Cat # L019V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MORC1 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MORC1.

Immunogen	MORC1 (NP_055244, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDDRYPALQRAQLRLDFIHANSTTHSFLFGALAELLDNARDAGAERLDVFSVDNEKLQGGFMLC FLDDGCGMSPEEASDIIYFGRSKKRLSTLKFIGQYG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (66); Rat (67)
Isotype	IgG1 Kappa
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 (Cell lysate)

  MORC1 monoclonal antibody (M09), clone 3E8. Western Blot analysis of MORC1 expression in HepG2(Cat # L019V1).

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

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  Protocol Download

- ELISA

Gene Info — MORC1

Entrez GeneID	27136

GeneBank Accession#	NM_014429
Protein Accession#	NP_055244
Gene Name	MORC1
Gene Alias	MORC, ZCW6
Gene Description	MORC family CW-type zinc finger 1
Omim ID	603205
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the human homolog of mouse morc and like the mouse protein it is testis-specific. Mouse studies support a testis-specific function since only male knockout mice are infertile; infertility is the only apparent defect. These studies further support a role for this protein early in spermatogenesis, possibly by affecting entry into apoptosis because testis from knockout mice show greatly increased numbers of apoptotic cells. [provided by RefSeq
Other Designations	microrchidia homolog|microrchidia, mouse, homolog of|microrchidia, mouse, honolog of

Disease

- Tobacco Use Disorder