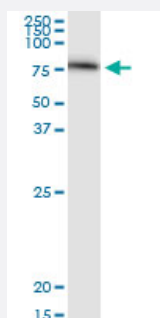


SERPING1 monoclonal antibody (M01), clone 3F4-1D9

Catalog # H00000710-M01

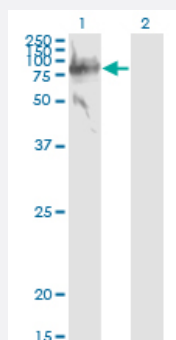
Size 100 ug

Applications



Western Blot (Tissue lysate)

SERPING1 monoclonal antibody (M01), clone 3F4-1D9. Western Blot analysis of SERPING1 expression in human liver.

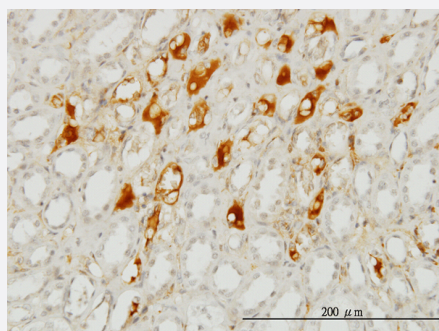


Western Blot (Transfected lysate)

Western Blot analysis of SERPING1 expression in transfected 293T cell line by SERPING1 monoclonal antibody (M01), clone 3F4-1D9.

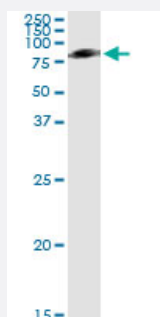
Lane 1: SERPING1 transfected lysate (Predicted MW: 55.2 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to SERPING1 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 1 ug/ml]

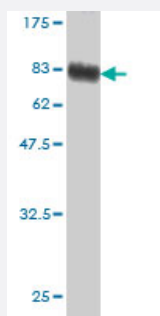
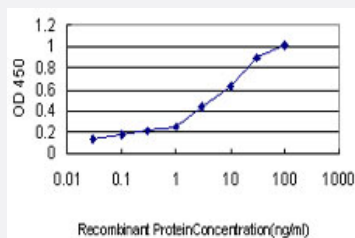


Immunoprecipitation

Immunoprecipitation of SERPING1 transfected lysate using anti-SERPING1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SERPING1 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SERPING1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (80.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant SERPING1.
Immunogen	SERPING1 (AAH11171, 1 a.a. ~ 500 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASRLTLLTLLLLLAGDRASSNP NATSSSSQDPESLQDRGEGKVATTVISKMLFVEPILEVSSLP TTNSTNSATKITANTTDEPTTQPTTEPTTQPTIQPTQPTTQLPTDSPTQPTTGSFCGPVTLCS DLESHSTEAVLGDALVDFSLKLYHAFSAMKKVETNMAFSPFSIASLLTQVLLGAGENTKTNLESIL SYPKDFTCVHQALKGFTTKGVTSVSQIFHSPDLAIRDTFVNASRTLYSSSPRVLSNNSDANLE LINTWVAKNTNNKISRLLDSLPSDTRLVLLNAML SAKWKTTDFPKKTRMEPFHFKNSVIKVP MMNSKKYPVAHFIDQTLKAKVGQLQLSHNLSLVILVPQNLKHRLEDMEQALSPSVFKAIMEK LEMSKFQPTLLTLPRIKVTTSQDMLSIMEKLEFFDFSIDLNLCLGLTEDPDLQVSAMQHQTV LELTETGVEAAAASISVARTLLVFEVQQPFLFMLWDQQHKFPVFMGRVYDPRA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (69); Rat (67)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (80.52 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 (Tissue lysate)

SERPING1 monoclonal antibody (M01), clone 3F4-1D9. Western Blot analysis of SERPING1 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SERPING1 expression in transfected 293T cell line by SERPING1 monoclonal antibody (M01), clone 3F4-1D9.

Lane 1: SERPING1 transfected lysate (Predicted MW: 55.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to SERPING1 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 1 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of SERPING1 transfected lysate using anti-SERPING1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SERPING1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SERPING1 is approximately 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SERPING1

Entrez GeneID	710
GeneBank Accession#	BC011171
Protein Accession#	AAH11171
Gene Name	SERPING1
Gene Alias	C1IN, C1INH, C1NH, HAE1, HAE2
Gene Description	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1
Omim ID	106100 606860
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a highly glycosylated plasma protein involved in the regulation of the complement cascade. Its protein inhibits activated C1r and C1s of the first complement component and thus regulates complement activation. Deficiency of this protein is associated with hereditary angioneurotic oedema (HANE). Alternative splicing results in multiple transcript variants encoding the same isoform. [provided by RefSeq]
Other Designations	complement component 1 inhibitor plasma protease C1 inhibitor serine/cysteine proteinase inhibitor clade G member 1

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Acute Disease](#)
- [Birth Weight](#)
- [Choroid Diseases](#)
- [Choroidal Neovascularization](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)

- [Glioma](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Meningococcal Infections](#)
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- [Ovarian Neoplasms](#)
- [Recurrence](#)