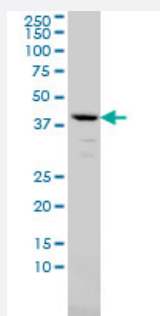


AMBP monoclonal antibody (M01), clone 3F1

Catalog # H00000259-M01

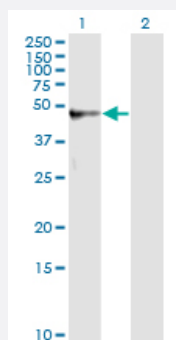
Size 100 ug

Applications



Western Blot (Cell lysate)

AMBP monoclonal antibody (M01), clone 3F1 Western Blot analysis of AMBP expression in A-549 (Cat # L025V1).

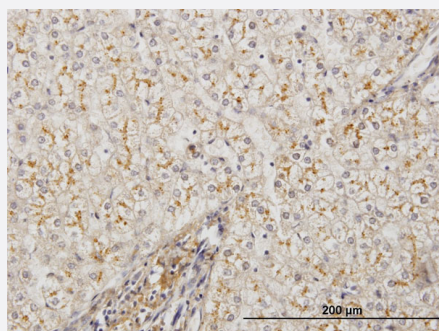


Western Blot (Transfected lysate)

Western Blot analysis of AMBP expression in transfected 293T cell line by AMBP monoclonal antibody (M01), clone 3F1.

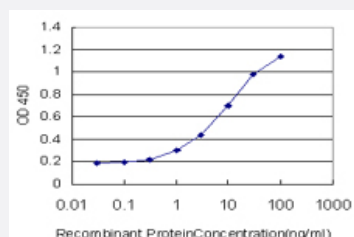
Lane 1: AMBP transfected lysate(39 KDa).

Lane 2: Non-transfected lysate.



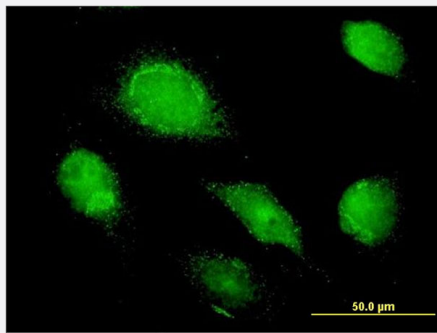
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



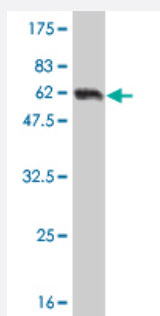
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AMBP is approximately 1ng/ml as a capture antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (62.48 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant AMBP.
Immunogen	AMBP (AAH41593, 19 a.a. ~ 352 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AGPVPTPPDNIQVQGNFNISRIYGKWNLAIGSTCPWLKKIMDRMTVSTLVLGEGATEAEISMTSTRWRKGVCEETSGAYEKTDTDGKFLYHKSOWNITMESYVVHTNYDEYAIFLTKKFSRHHGPTITAKLYGRAPQLRETLQDFRVVAQGVGIPEDSIFTMADRGECPGEQEPEPILPRVRRVLPQEEEGSGGGQLVTEVTKKEDSCQLGYSAGPCMGMTSRYFYNGTSMACETFQYGGCMGNGNMFVTEKECLQTCRTVAACNLPVIRGPCRAFIQLWAFDAVKGKCVLFPYGGCQGNNGNKFYSEKECREYCGVPGDGDDEELLRFSN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); Rat (77)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (62.48 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)

AMBP monoclonal antibody (M01), clone 3F1 Western Blot analysis of AMBP expression in A-549 (Cat # L025V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of AMBP expression in transfected 293T cell line by AMBP monoclonal antibody (M01), clone 3F1.

Lane 1: AMBP transfected lysate(39 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 AMBP on formalin-fixed paraffin-embedded human liver. [antibody concentration 1 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AMBP is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — AMBP

Entrez GeneID

[259](#)

GeneBank Accession#	BC041593
Protein Accession#	AAH41593
Gene Name	AMBP
Gene Alias	EDC1, HCP, HI30, IATIL, ITI, ITIL, ITILC, UTI
Gene Description	alpha-1-microglobulin/bikunin precursor
Omim ID	176870
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a complex glycoprotein secreted in plasma. The precursor is proteolytically processed into distinct functioning proteins: alpha-1-microglobulin, which belongs to the superfamily of lipocalin transport proteins and may play a role in the regulation of inflammatory processes, and bikunin, which is a urinary trypsin inhibitor belonging to the superfamily of Kunitz-type protease inhibitors and plays an important role in many physiological and pathological processes. This gene is located on chromosome 9 in a cluster of lipocalin genes. [provided by RefSeq]
Other Designations	OTTHUMP00000021967 OTTHUMP00000063975 alpha-1-microglobulin/bikunin bikunin complex-forming glycoprotein heterogeneous in charge growth-inhibiting protein 19 inter-alpha-trypsin inhibitor light chain protein HC trypstatin uristatin uronic-acid-rich protei

Publication Reference

- [Differential proteomics analysis of amniotic fluid in pregnancies of increased nuchal translucency with normal karyotype.](#)

Cheng PJ, Wang TH, Huang SY, Kao CC, Lu JH, Hsiao CH, Steven Shaw SW.

Prenatal Diagnosis 2011 Mar; 31(3):274.

Application: WB, Human, Amniotic fluid supernatant

Disease

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