

SRCRB4D Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant SRCRB4D.****Catalog # AT4034a****Specification**

SRCRB4D Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, E
Primary Accession	Q8WTU2
Other Accession	BC015651
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	60819

SRCRB4D Antibody (monoclonal) (M01) - Additional Information**Gene ID** 136853**Other Names**

Scavenger receptor cysteine-rich domain-containing group B protein {ECO:0000303|PubMed:12466895, ECO:0000312|HGNC:HGNC:14461}, Four scavenger receptor cysteine-rich domains-containing protein {ECO:0000312|HGNC:HGNC:14461}, S4D-SRCRB, SSC4D (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=14461) target="_blank">HGNC:14461)

Target/Specificity

SRCRB4D (AAH15651.1, 1 a.a. ~ 190 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

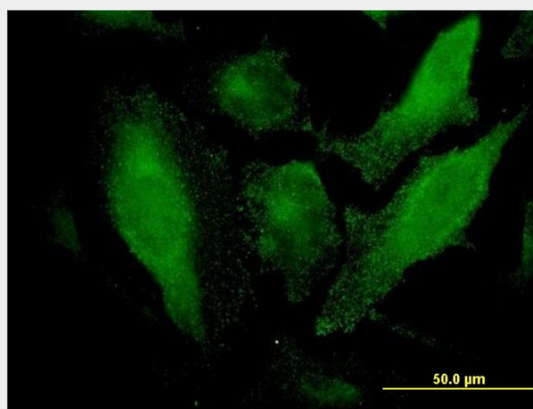
SRCRB4D Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

SRCRB4D Antibody (monoclonal) (M01) - Protocols

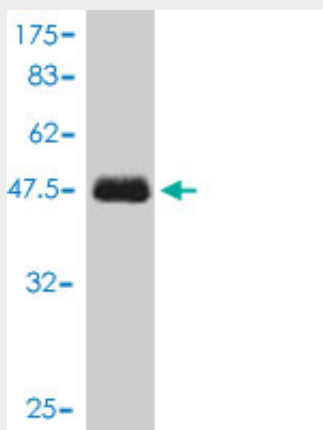
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

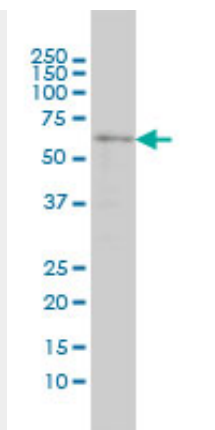
SRCRB4D Antibody (monoclonal) (M01) - Images



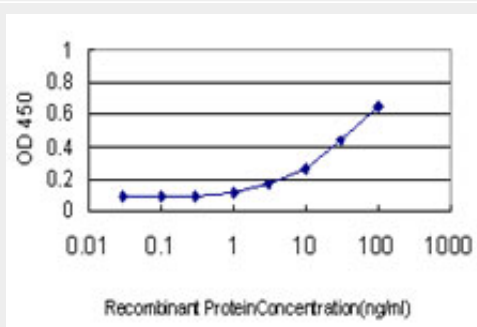
Immunofluorescence of monoclonal antibody to SRCRB4D on HeLa cell. [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (46.64 KDa) .



SRCRB4D monoclonal antibody (M01), clone 3D9 Western Blot analysis of SRCRB4D expression in C32 (Cat # AT4034a)



Detection limit for recombinant GST tagged SRCRB4D is approximately 0.3ng/ml as a capture antibody.

SRCRB4D Antibody (monoclonal) (M01) - Background

The scavenger receptor cysteine-rich (SRCR) superfamily is an ancient and highly conserved group of cell surface and/or secreted proteins, some of which are involved in the development of the immune system and the regulation of both innate and adaptive immune responses. Group B SRCR domains usually contain 8 regularly spaced cysteines that give rise to a well-defined intradomain disulfide-bond pattern.

SRCRB4D Antibody (monoclonal) (M01) - References

New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Cloning of S4D-SRCRB, a new soluble member of the group B scavenger receptor cysteine-rich family (SRCR-SF) mapping to human chromosome 7q11.23. Padilla O, et al. Immunogenetics, 2002 Dec. PMID 12466895.