

SRCRB4D Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant SRCRB4D.

Catalog # AT4034a

Product Information

Application	WB, IF, E
Primary Accession	Q8WTU2
Other Accession	BC015651
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	3D9
Calculated MW	60819

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 (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.

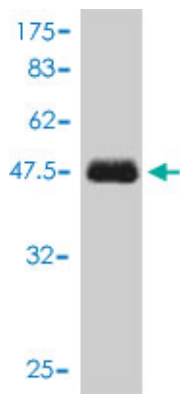
Background

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.

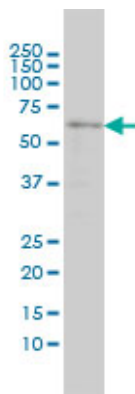
References

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.

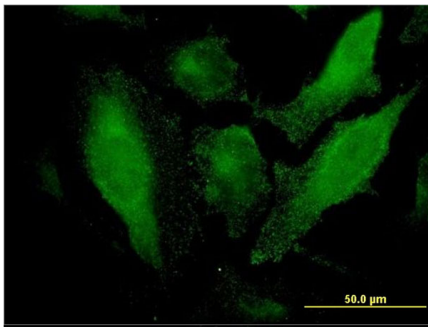
Images



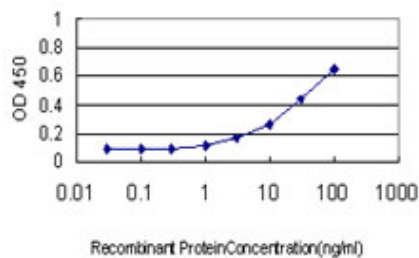
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (46.64 KDa) .



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



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



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.