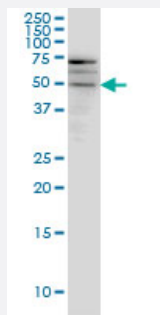


SMOC1 monoclonal antibody (M03), clone 8F10

Catalog # H00064093-M03

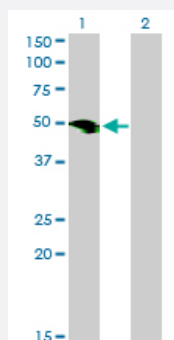
Size 100 ug

Applications



Western Blot (Cell lysate)

SMOC1 monoclonal antibody (M03), clone 8F10 Western Blot analysis of SMOC1 expression in A-431 (Cat # L015V1).

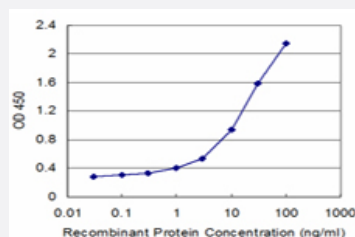


Western Blot (Transfected lysate)

Western Blot analysis of SMOC1 expression in transfected 293T cell line by SMOC1 monoclonal antibody (M03), clone 8F10.

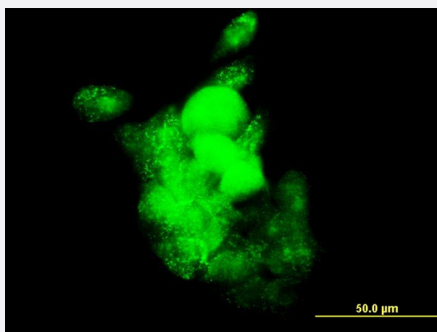
Lane 1: SMOC1 transfected lysate(48.3 KDa).

Lane 2: Non-transfected lysate.



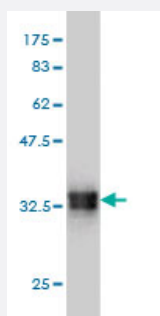
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SMOC1 is approximately 1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to SMOC1 on A-431 cell.
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (33.66 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SMOC1.
Immunogen	SMOC1 (NP_071420, 150 a.a. ~ 221 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SVQNKTPVCSGSVTDKPLSQGNSGRKDDGSKPTPTMETQPVFDGDEITAPTLWIKHLVIKDSKLN NTNIRNS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.66 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)

SMOC1 monoclonal antibody (M03), clone 8F10 Western Blot analysis of SMOC1 expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SMOC1 expression in transfected 293T cell line by SMOC1 monoclonal antibody (M03), clone 8F10.

Lane 1: SMOC1 transfected lysate(48.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SMOC1 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to SMOC1 on A-431 cell. [antibody concentration 10 ug/ml]

Gene Info — SMOC1

Entrez GeneID	64093
---------------	-----------------------

GeneBank Accession#	NM_022137
---------------------	---------------------------

Protein Accession#	NP_071420
--------------------	---------------------------

Gene Name	SMOC1
-----------	-------

Gene Alias	-
------------	---

Gene Description	SPARC related modular calcium binding 1
------------------	---

Omim ID	608488
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Other Designations	secreted modular calcium-binding protein 1
--------------------	--

Publication Reference

- [BMP Signaling Gradient Scaling in the Zebrafish Pectoral Fin.](#)

Mateus R, Holtzer L, Seum C, Hadjivasiliou Z, Dubois M, Jülicher F, Gonzalez-Gaitan M.

Cell Reports 2020 Mar; 30(12):4292.

Application: IF, WB, Zebrafish, Pectoral fin