

SPARC Antibody(C-term) Antibody(Ascites)

Mouse Monoclonal Antibody (Mab)

Catalog # AM2175a

Product Information

Application	WB, E
Primary Accession	P09486
Other Accession	P36378 , P16975 , P36233 , P20112 , P07214 , P36377 , P13213 , NP_003109
Reactivity	Human
Predicted	Mouse, Rat, Rabbit, Pig, Chicken, Bovine, Xenopus
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	664CT7.3.1
Antigen Region	224-251

Additional Information

Other Names	SPARC, Basement-membrane protein 40, BM-40, Osteonectin, ON, Secreted protein acidic and rich in cysteine, SPARC, ON
Target/Specificity	This SPARC antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 224-251 amino acids from the C-terminal region of human SPARC.
Dilution	WB~~1:500~1000 E~~Use at an assay dependent concentration.
Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SPARC Antibody(C-term) Antibody(Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

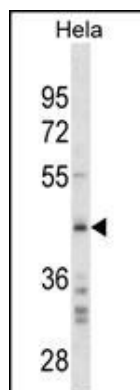
Background

Secreted protein acidic and rich in cysteine/osteonectin/BM40, or SPARC, is a matrix-associated protein that elicits changes in cell shape, inhibits cell-cycle progression, and influences the synthesis of extracellular matrix (ECM) (Bradshaw et al., 2003 [PubMed 12721366]).

References

Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) :
Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Howard, C., et al. Histol. Histopathol. 25(9):1163-1169(2010)
Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) :
Liang, J.F., et al. J. Exp. Clin. Cancer Res. 29, 71 (2010) :

Images



SPARC Antibody (C-term)(Ascites)(Cat. #AM2175a)
western blot analysis in HeLa cell line lysates
(35µg/lane).This demonstrates the SPARC antibody
detected the SPARC protein (arrow).

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