

Rabbit SPARC Polyclonal Antibody | anti-SPARC antibody

SPARC Polyclonal Antibody

CATALOG # AAA312891	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

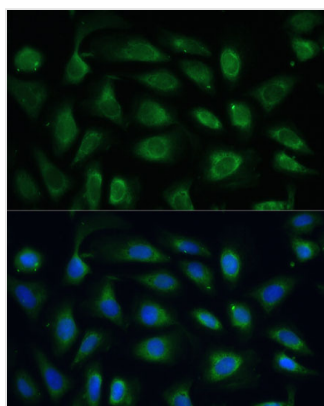
PRODUCT SYNONYMS

SPARC; Polyclonal Antibody; SPARC Polyclonal Antibody; BM-40; OI17; anti-SPARC antibody

PRODUCT SPECIFICATIONS

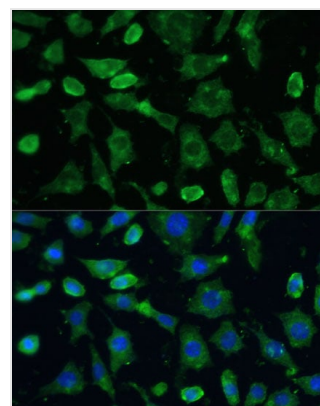
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 82% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.35
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SPARC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human SPARC (NP_003109.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



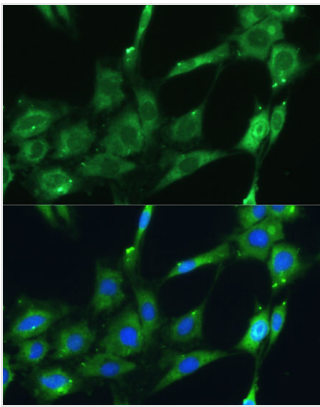
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using SPARC Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.



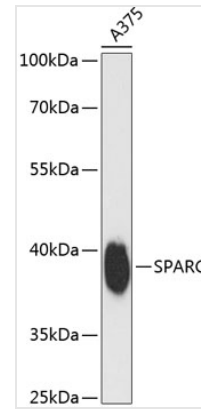
IF (Immunofluorescence)

Immunofluorescence analysis of L-929 cells using SPARC Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using SPARC Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of A375 cells, using SPARC antibody at 1:3000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-SPARC antibody	This gene encodes a cysteine-rich acidic matrix-associated protein. The encoded protein is required for the collagen in bone to become calcified but is also involved in extracellular matrix synthesis and promotion of changes to cell shape. The gene product has been associated with tumor suppression but has also been correlated with metastasis based on changes to cell shape which can promote tumor cell invasion. Three transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-SPARC antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507171
NCBI GeneID	6678
NCBI Accession #	NP_003109.1
NCBI GenBank Nucleotide #	NM_003118.3
UniProt Accession #	P09486; Q6IBK4; D3DQH9
Molecular Weight	34,632 Da
NCBI Official Full Name	SPARC
NCBI Official Synonym Full Names	secreted protein, acidic, cysteine-rich (osteonectin)
NCBI Official Symbol	SPARC
NCBI Official Synonym Symbols	ON
NCBI Protein Information	SPARC; BM-40; basement-membrane protein 40; cysteine-rich protein; onectin; secreted protein acidic and rich in cysteine
UniProt Protein Name	SPARC
UniProt Gene Name	SPARC
UniProt Synonym Gene Names	ON; BM-40; ON
UniProt Entry Name	SPRC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

