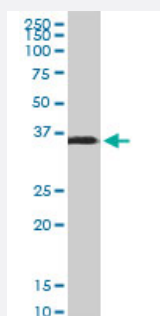


SPARC monoclonal antibody (M02A), clone 1B2

Catalog # H00006678-M02A

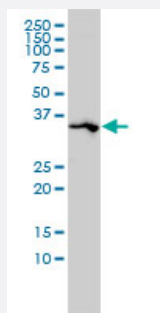
Size 200 uL

Applications



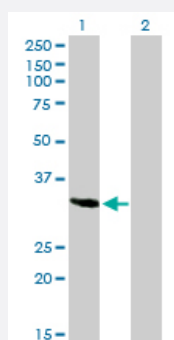
Western Blot (Tissue lysate)

SPARC monoclonal antibody (M02A), clone 1B2. Western Blot analysis of SPARC expression in human kidney.



Western Blot (Cell lysate)

SPARC monoclonal antibody (M02A), clone 1B2 Western Blot analysis of SPARC expression in A-431 (Cat # L015V1).

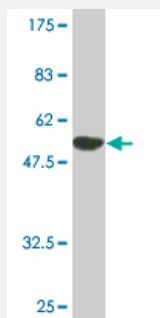


Western Blot (Transfected lysate)

Western Blot analysis of SPARC expression in transfected 293T cell line by SPARC monoclonal antibody (M02A), clone 1B2.

Lane 1: SPARC transfected lysate(34.6 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (59.07 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant SPARC.
Immunogen	SPARC (AAH04974.1, 1 a.a. ~ 303 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRAWIFFLLCLAGRALAAPQQEALPDETEVVEETVAEVTEVSVGANPVQVEVGEFDDGAEETEE EVVAENPCQNHCKHKGKVCELDENTPMCVQCQDPTSCPAIGEFKVCSDNKTDFDSSCHFFA TKCTLEGTKKGHLHLDYIGPCKYPPCLDSELTFFPLMRDWLKNVLVTLYERDEDNNLLTEKQK LRVKKIHENEKRLEAGDHPVELLARDFEKNYNMYFPVHWQFGQLDQHPIDGYLSHTELAPLRAPLI PMEHCTTRFFETCDLDNDKYIALDEWAGCFGIKQKDKDLVI
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (59.07 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

SPARC monoclonal antibody (M02A), clone 1B2. Western Blot analysis of SPARC expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

SPARC monoclonal antibody (M02A), clone 1B2 Western Blot analysis of SPARC expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SPARC expression in transfected 293T cell line by SPARC monoclonal antibody (M02A), clone 1B2.

Lane 1: SPARC transfected lysate(34.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SPARC

Entrez GeneID [6678](#)

GeneBank Accession# [BC004974](#)

Protein Accession# [AAH04974.1](#)

Gene Name SPARC

Gene Alias ON

Gene Description secreted protein, acidic, cysteine-rich (osteonectin)

Omim ID [182120](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]).[supplied by OMIM]

Other Designations cysteine-rich protein|osteonectin|secreted protein, acidic, cysteine-rich

Disease

- [Alzheimer disease](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Gingival Overgrowth](#)
- [Liver Neoplasms](#)
- [Metabolic Syndrome X](#)
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- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Pulmonary Fibrosis](#)
- [Raynaud Disease](#)
- [Scleroderma](#)