

## SPARC Antibody

Catalog No: #21633



Package Size: #21633-1 50ul #21633-2 100ul #21633-4 25ul

## Overview

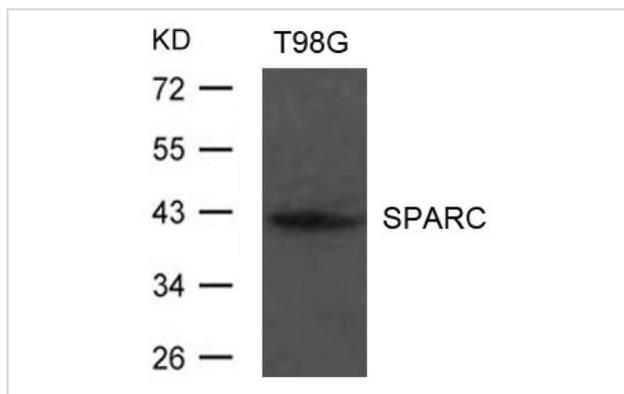
Product Name	SPARC Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Hu
Immunogen Type	Peptide-KLH
Target Name	SPARC
Alternative Names	ON; BM-40;

## Application Details

Predicted MW: 42kd

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extract from T98G cells using SPARC Antibody #21633

## Descriptions

Immunogen	Peptide sequence around aa.52~56 (V-G-E-F-D) derived from Human SPARC.
Specificity	The antibody detects endogenous level of total SPARC protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P09486NCBI Protein: NP_003109.1

## Related Information

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Appears to regulate cell growth through interactions with the extracellular matrix and cytokines. Binds calcium and copper, several types of collagen, albumin, thrombospondin, PDGF and cell membranes. There are two calcium binding sites; an acidic domain that binds 5 to 8 Ca<sup>2+</sup> with a low affinity and an EF-hand loop that binds a Ca<sup>2+</sup> ion with a high affinity.

Kelm R.J. Jr., Mann K.G. Blood 75:1105-1113(1990)

Wewer U.M., Albrechtsen R., Fisher L.W. Am. J. Pathol. 132:345-355(1988)

Kuhn C., Mason R.J. Am. J. Pathol. 147:1759-1769(1995)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.