

Product Name: SPARC Rabbit Monoclonal Antibody
Catalog #: AMRe87000



Summary

Production Name	SPARC Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, FC, IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	SPARC
Alternative Names	ON; OI17; BM-40
Gene ID	6678
SwissProt ID	P09486.

Application

Dilution Ratio	WB: 1:1000 FC: 1:50-1:100 IP: 1:20-1:50
Molecular Weight	Calculated MW:35 kDa; Observed MW:42 kDa

Background

This gene encodes a cysteine-rich acidic matrix-associated protein. The encoded protein is required for the collagen in

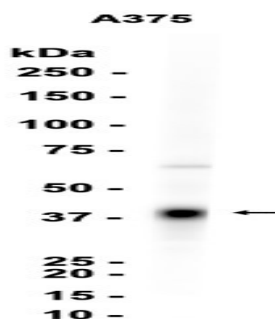
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bone to become calcified but is also involved in extracellular matrix synthesis and promotion of changes to cell shape. The gene product has been associated with tumor suppression but has also been correlated with metastasis based on changes to cell shape which can promote tumor cell invasion. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2015]

Research Area

Image Data



Western blot analysis of extracts from A375 cells using AMRe87000 at 1:1000.

Note

For research use only.