

Anti-SPARC antibody

Cat. No.	ml221259
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-SPARC rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human SPARC
Reactivity	Human, Mouse, Rat
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	SPARC
Full name	secreted protein, acidic, cysteine-rich (osteonectin)

Synonyms

ON

Swissprot

P09486

Target Background

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.

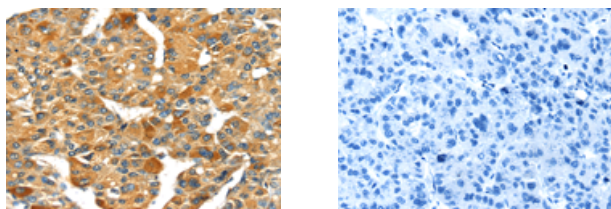
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml221259(SPARC Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 35 kDa

Positive control: A375 cells

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

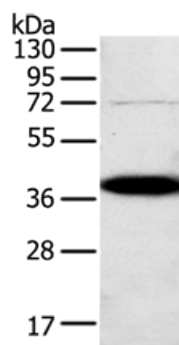
Lysate: 40 µg

Lane: A375 cells

Primary antibody: ml221259(SPARC Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



ELISA

Recommended dilution: 2000-5000

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