

SPARC polyclonal antibody

Catalog: BS6738

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

SPARC (for secreted protein acidic and rich in cysteine) is a phosphorylated, acidic, glycine-rich glycoprotein that is secreted by endothelial cells and is present in large amounts in the parietal endoderm of mouse embryos and in human placenta. It is identical to osteonectin, a protein important to bone calcification that is highly conserved between species. SPARC, which can be selectively expressed by the endothelium in response to certain types of injury, induces rounding in adherent endothelial cells in vitro. It regulates endothelial barrier function through F-Actin-dependent changes in cell shape, coincident with the appearance of intercellular gaps, which provide a paracellular pathway for extravasation of macromolecules.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 35 kDa

Swiss-Prot:

P09486

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

IHC-P 1:50 - 1:100

IF /ICC 1:50 - 1:100

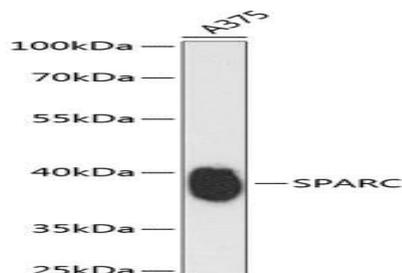
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

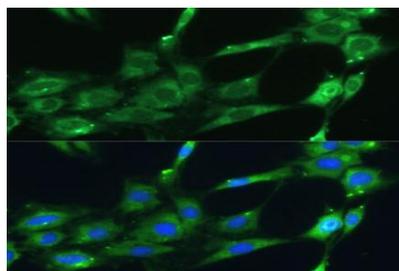
Specificity:

SPARC polyclonal antibody detects endogenous levels of SPARC protein.

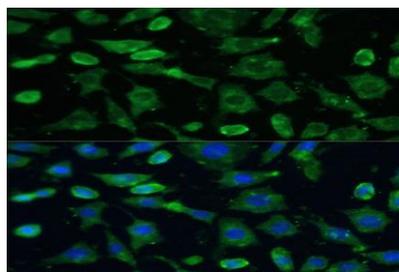
DATA:



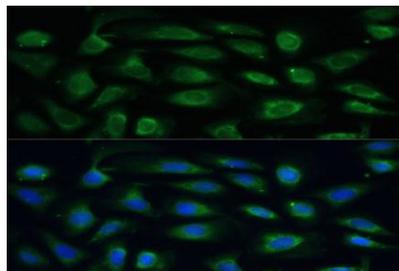
Western blot analysis of extracts of A375 cells, using SPARC antibody at 1:3000 dilution.



Immunofluorescence analysis of C6 cells using SPARC Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of L-929 cells using SPARC Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U-20S cells using SPARC Polyclonal

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PRODUCT DATA SHEET

Bioworld Technology, Inc.

Antibody at dilution of 1:100 (40x lens).

For research use only, not for use in diagnostic procedure.

Note:

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