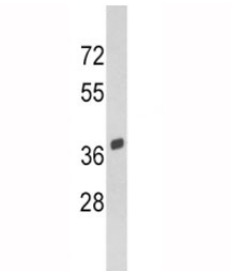
SPARC Antibody (F49838)

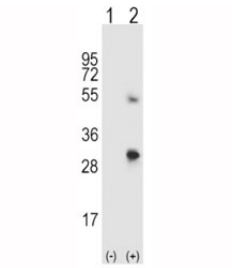
Catalog No.	Formulation	Size
F49838-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49838-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

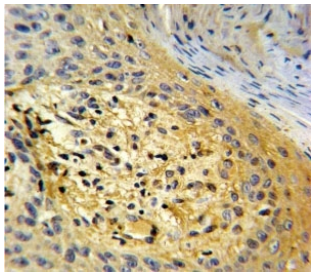
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Bovine, Pig, Chicken, Rabbit, Xenopus
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P09486
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This SPARC antibody is available for research use only.



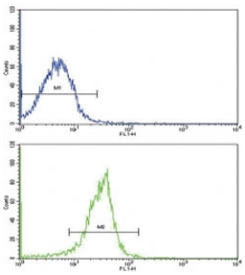
Western blot analysis of SPARC antibody and Y79 lysate. Predicted molecular weight 35-45 kDa depending on glycosylation level.



Western blot analysis of SPARC antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected (2) with the SPARC gene.



IHC analysis of FFPE human skin tissue stained with SPARC antibody



Flow cytometric analysis of WiDr cells using SPARC antibody (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

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).

Application Notes

Titration of the SPARC antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 224-251 from the human protein was used as the immunogen for this SPARC antibody.

Storage

Aliquot the SPARC antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.