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SPRY1 / Sprouty 1 Antibody (clone 3H4)

Mouse Monoclonal Antibody
Catalog # ALS14077

Specification

SPRY1 / Sprouty 1 Antibody (clone 3H4) - Product Information

Application	**WB, IHC**
Primary Accession	O43609
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**35kDa KDa**

SPRY1 / Sprouty 1 Antibody (clone 3H4) - Additional Information

Gene ID 10252

Other Names
Protein sprouty homolog 1, Spry-1, SPRY1

Target/Specificity
Human SPRY1

Reconstitution & Storage
For long term, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions
SPRY1 / Sprouty 1 Antibody (clone 3H4) is for research use only and not for use in diagnostic or therapeutic procedures.

SPRY1 / Sprouty 1 Antibody (clone 3H4) - Protein Information

Name SPRY1

Function
Inhibits fibroblast growth factor (FGF)-induced retinal lens fiber differentiation, probably by inhibiting FGF-mediated phosphorylation of ERK1/2 (By similarity). Inhibits TGFB-induced epithelial-to-mesenchymal transition in lens epithelial cells (By similarity).

Cellular Location
Cytoplasm. Membrane; Peripheral membrane protein. Note=Found in the cytoplasm in unstimulated cells but is translocated to the membrane ruffles in cells stimulated with EGF (epidermal growth factor)

Volume
50 µl

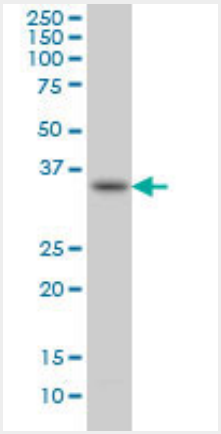
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SPRY1 / Sprouty 1 Antibody (clone 3H4) - Protocols

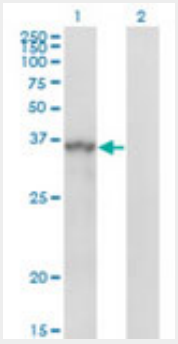
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

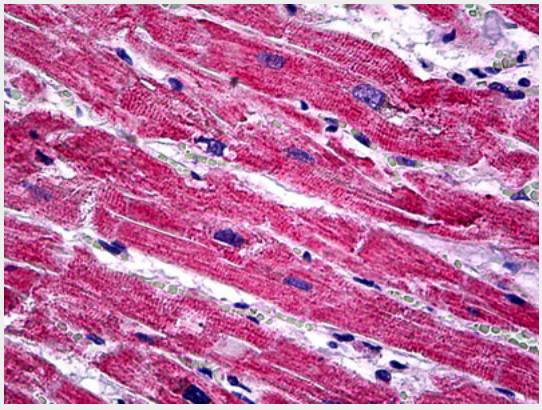
SPRY1 / Sprouty 1 Antibody (clone 3H4) - Images



SPRY1 monoclonal antibody, clone 3H4. Western blot of SPRY1 expression in HepG2.



Western blot of SPRY1 expression in transfected 293T cell line by SPRY1 monoclonal antibody,...



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Anti-SPRY1 antibody IHC of human heart.

SPRY1 / Sprouty 1 Antibody (clone 3H4) - Background

May function as an antagonist of fibroblast growth factor (FGF) pathways and may negatively modulate respiratory organogenesis.

SPRY1 / Sprouty 1 Antibody (clone 3H4) - References

Wang L.,et al.Int. J. Mol. Med. 12:783-787(2003).
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Hacohen N.,et al.Cell 92:253-263(1998).
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