

SPRY1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant SPRY1.****Catalog # AT4031a****Specification**

SPRY1 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	O43609
Other Accession	NM_005841
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	35122

SPRY1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 10252**Other Names**

Protein sprouty homolog 1, Spry-1, SPRY1

Target/Specificity

SPRY1 (NP_005832, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

SPRY1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

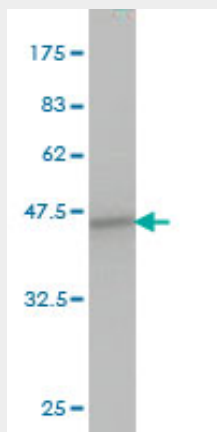
SPRY1 Antibody (monoclonal) (M01) - Protocols

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

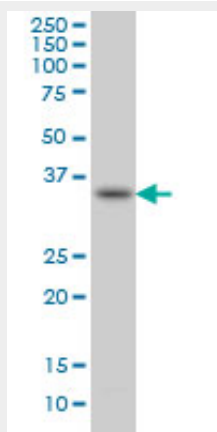
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

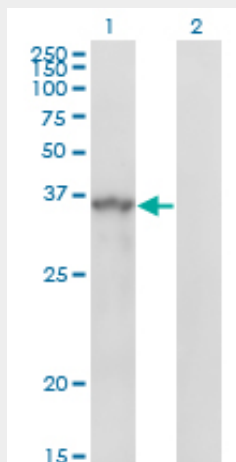
SPRY1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 kDa) .

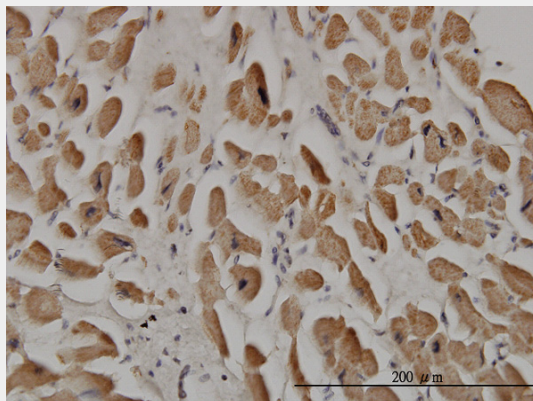


SPRY1 monoclonal antibody (M01), clone 3H4 Western Blot analysis of SPRY1 expression in HepG2 ((Cat # AT4031a)

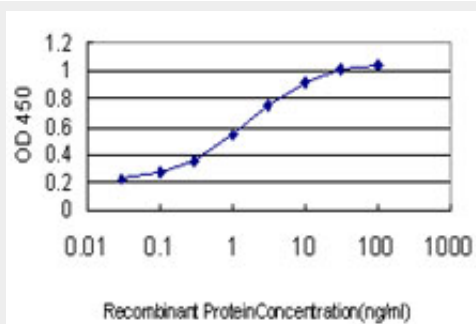


Western Blot analysis of SPRY1 expression in transfected 293T cell line by SPRY1 monoclonal antibody (M01), clone 3H4.

Lane 1: SPRY1 transfected lysate(35.1 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to SPRY1 on formalin-fixed paraffin-embedded human heart. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged SPRY1 is approximately 0.03ng/ml as a capture antibody.

SPRY1 Antibody (monoclonal) (M01) - References

1.Human Sprouty1 suppresses growth, migration, and invasion in human breast cancer cells.Mekkawy AH, Pourgholami MH, Morris DLTumour Biol. 2014 Feb 8;24(2):1-10.
2.Initial Report on Differential Expression of Sprouty Proteins 1 and 2 in Human Epithelial Ovarian Cancer Cell Lines.Moghaddam SM, Amini A, Wei AQ, Pourgholami MH, Morris DLJ Oncol. 2012;2012:373826. doi: 10.1155/2012/373826. Epub 2012 Nov 29.