

# Product Datasheet

## SPRY1 Antibody (3H4) - Azide and BSA Free H00010252-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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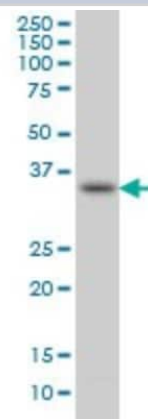
**H00010252-M01**

SPRY1 Antibody (3H4) - Azide and BSA Free

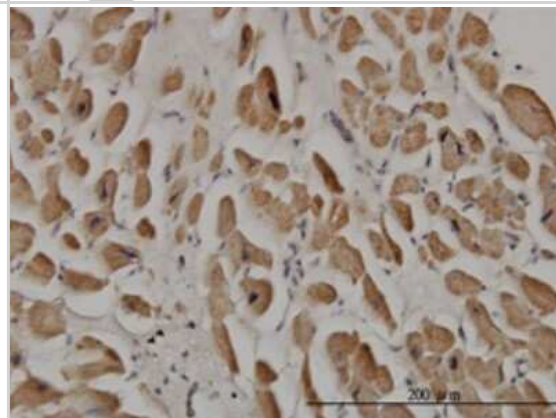
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3H4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	10252
<b>Gene Symbol</b>	SPRY1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	SPRY1 - sprouty homolog 1, antagonist of FGF signaling (Drosophila)
<b>Immunogen</b>	SPRY1 (NP_005832, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MDPQNQHGGSSSLVVIQQPSLDSRQRDLDYEREIQPTAILSLDQIKAIRGSNEYT EGPSVVKRPAPRTAPRQEKHERTHEIIPINVNNNYEHRHTSHLGHAVLPSNARG PI
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

## Images

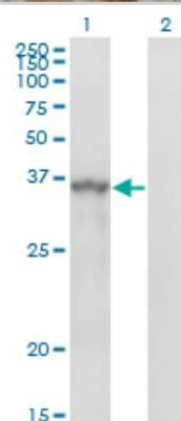
Western Blot: SPRY1 Antibody (3H4) [H00010252-M01] - SPRY1 monoclonal antibody (M01), clone 3H4 Analysis of SPRY1 expression in HepG2.



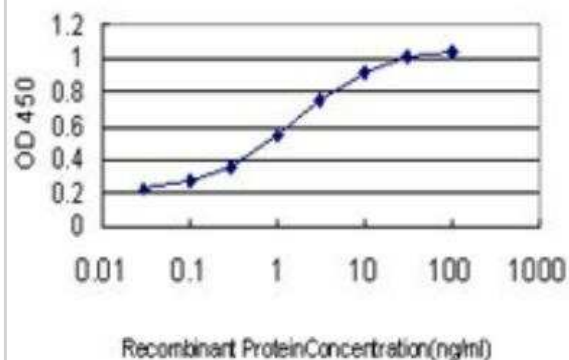
Immunohistochemistry-Paraffin: SPRY1 Antibody (3H4) [H00010252-M01] - Analysis of monoclonal antibody to SPRY1 on formalin-fixed paraffin-embedded human heart. Antibody concentration 3 ug/ml.



Western Blot: SPRY1 Antibody (3H4) [H00010252-M01] - 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.



ELISA: SPRY1 Antibody (3H4) [H00010252-M01] - Detection limit for recombinant GST tagged SPRY1 is approximately 0.03ng/ml as a capture antibody.



## Publications

Zhang L, Deng J, Pan Q et al. Targeted methylation sequencing reveals dysregulated Wnt signaling in Parkinson disease. *J Genet Genomics* 2016-05-13 [PMID: 27692691]

Moghaddam SM, Amini A, Wei AQ et al. Initial Report on Differential Expression of Sprouty Proteins 1 and 2 in Human Epithelial Ovarian Cancer Cell Lines. *J Oncol.* 2012-11-29 [PMID: 23251157]

Mekkawy AH, Pourgholami MH, Morris DL. Human Sprouty1 suppresses growth, migration, and invasion in human breast cancer cells. *Tumour Biol.* 2014-02-08 [PMID: 24510305]





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### **Products Related to H00010252-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00010252-P01-10ug	Recombinant Human SPRY1 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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