

Product Datasheet

SPRY2 Antibody (1E10) - Azide and BSA Free H00010253-M01

Unit Size: 0.1 mg

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

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Publications: 4

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H00010253-M01

SPRY2 Antibody (1E10) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E10
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

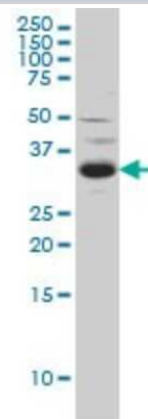
Product Description	
Description	Novus Biologicals Mouse SPRY2 Antibody (1E10) - Azide and BSA Free (H00010253-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-SPRY2 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10253
Gene Symbol	SPRY2
Species	Human, Mouse
Specificity/Sensitivity	SPRY2 - sprouty homolog 2 (Drosophila)
Immunogen	SPRY2 (AAH15745.1, 1 a.a. ~ 315 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MEARAQSGNGSQPLLQTPRDGGRQRGEPDPRDALTQQVHVLSLDQIRAIRNT NEYTEGPTVVRPGLKPAPRPSTQHKHERLHGLPEHRQPPRLQHSQVHSSAR APLSRSISTVSSGSRSSSTRSTSSSSSEQRLLGSSFSSGPVADGIIRVQPKSELK PGELKPLSKEDLGLHAYRCEDCGKCKCKECTYPRPLPSDWICDKQCLCSAQN VIDYGTCVCCVKGLFYHCSNDDDEDNCADNPCSCSQSHCCTRWSAMGVMSLF LPCLWCYLPKGLKLCQGCYDRVNRPGCRCKNSNTVCCKVPTVPPRNFEKPT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.

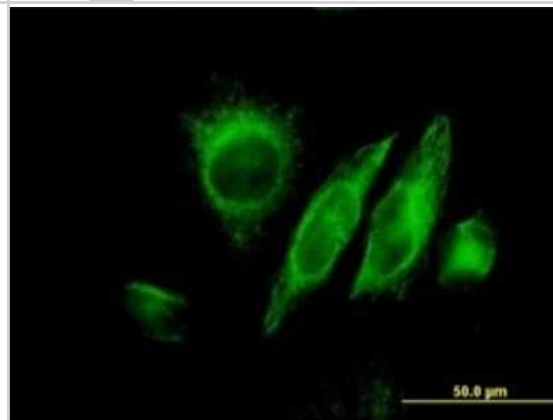


Images

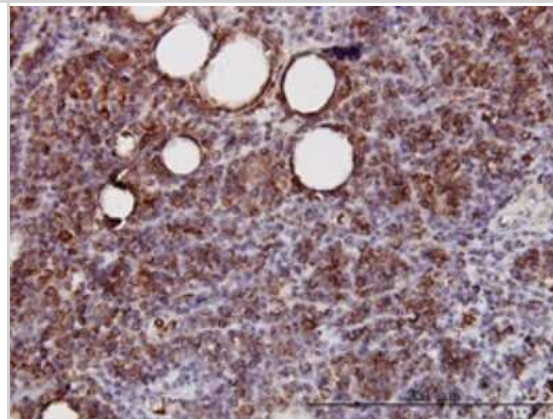
Western Blot: SPRY2 Antibody (1e10) [H00010253-M01] - SPRY2 monoclonal antibody (M01), clone 1E10 Analysis of SPRY2 expression in C32.



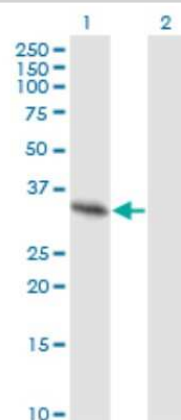
Immunocytochemistry/Immunofluorescence: SPRY2 Antibody (1e10) [H00010253-M01] - Analysis of monoclonal antibody to SPRY2 on HeLa cell. Antibody concentration 25 ug/ml.



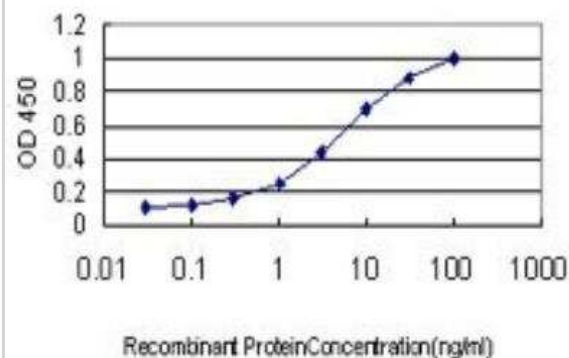
Immunohistochemistry-Paraffin: SPRY2 Antibody (1e10) [H00010253-M01] - Analysis of monoclonal antibody to SPRY2 on formalin-fixed paraffin-embedded human lymphoma. Antibody concentration 3 ug/ml.



Western Blot: SPRY2 Antibody (1e10) [H00010253-M01] - Analysis of SPRY2 expression in transfected 293T cell line by SPRY2 monoclonal antibody (M01), clone 1E10. Lane 1: SPRY2 transfected lysate (34.7 KDa). Lane 2: Non-transfected lysate.



ELISA: SPRY2 Antibody (1e10) [H00010253-M01] - Detection limit for recombinant GST tagged SPRY2 is approximately 0.1ng/ml as a capture antibody.



Publications

Lee CT, Chu CA, Wang YM et al. Dual role of sprouty2 as an inhibitor of RAS/ERK-driven proliferation and a promoter of cancer invasion in KRAS wild-type colorectal cancer *Molecular carcinogenesis* 2023-04-04 [PMID: 37014154] (Western Blot)

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]

Ordonez-Moran P, Irmisch A, Barbachano A et al. SPROUTY2 is a b-catenin and FOXO3a target gene indicative of poor prognosis in colon cancer. *Oncogene.* 2013-04-29 [PMID: 23624922]

Barbachano A, Ordonez-Moran P et al. SPROUTY-2 and E-cadherin regulate reciprocally and dictate colon cancer cell tumourigenicity. *Oncogene.* 2010-06-14 [PMID: 20543868]



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Products Related to H00010253-M01

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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