

Product Datasheet

Moesin Antibody (SPM562)

NBP2-32876-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-32876-0.1mg

Moesin Antibody (SPM562)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	SPM562
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	78 kDa

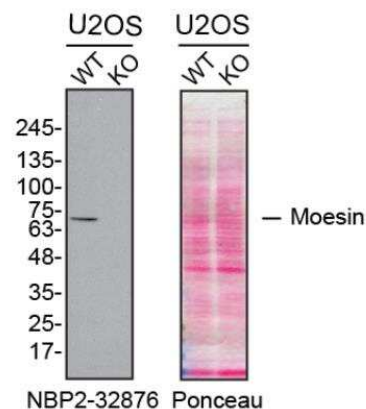
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34798) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	4478
Gene Symbol	MSN
Species	Human
Immunogen	Moesin Purified from uterus (Uniprot: P26038)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 2-4 ug/ml, Immunoprecipitation, Immunohistochemistry-Paraffin 1-2 ug/ml, Knockout Validated
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

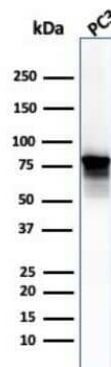


Images

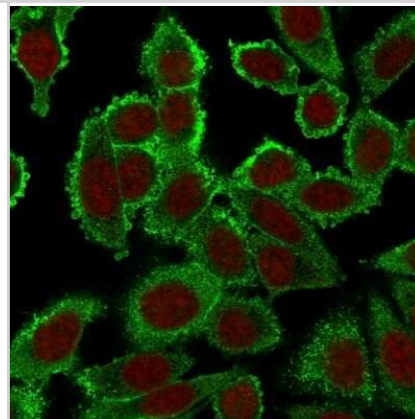
Knockout Validated: Moesin Antibody (SPM562) [NBP2-32876] - Western blot using lysates from U2OS parental cell line and Moesin-1 knockout U2OS cell line (KO), collected in RIPA buffer. Nitrocellulose membrane was probed with Mouse Anti-Human/Mouse Moesin Monoclonal Antibody (Catalog # NBP2-32876) at a 1:1000 dilution O/N at 4C, followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody and ECL detection. A specific band was detected for Moesin-1 (as indicated) in the parental U2OS cell line, but is not detectable in knockout U2OS cell line. The Ponceau stained transfers of each blot are shown to confirm equal protein loading. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).



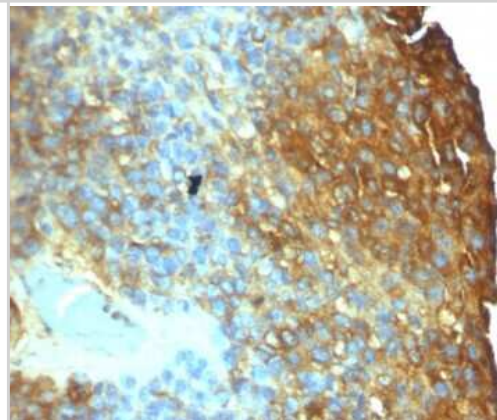
Western Blot: Moesin Antibody (SPM562) [NBP2-32876] - Western Blot Analysis of PC3 cell lysate. Moesin Mouse Monoclonal Antibody (SPM562).



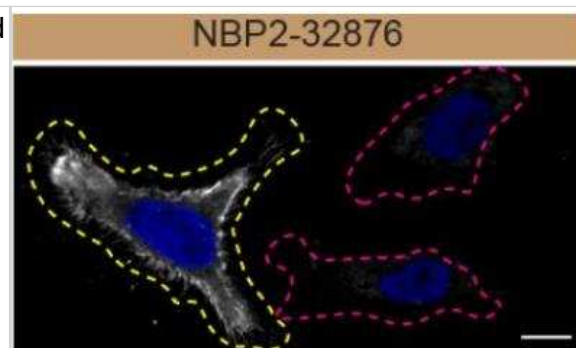
Immunocytochemistry/Immunofluorescence: Moesin Antibody (SPM562) [NBP2-32876] - Immunofluorescence Analysis of PFA fixed HeLa cells labeling Moesin with Moesin Mouse Monoclonal Antibody (SPM562) followed by Goat anti-mouse IgG-CF488 (Green). The nuclear counterstain is Reddot (Red).



Immunohistochemistry-Paraffin: Moesin Antibody (SPM562) [NBP2-32876] - Formalin-fixed, paraffin-embedded human Melanoma stained with Moesin Antibody (SPM562)



Knockout Validated: Moesin Antibody (SPM562) [NBP2-32876] - WT and MSN KO cells were labelled with a green or a far red fluorescent dye, respectively. WT and KO cells were mixed and plated to a 1 :1 ratio on coverslips. Cells were stained with and with the corresponding Alexa-fluor 555 coupled secondary antibody including DAPI. Acquisition of the blue (nucleus-DAPI), green (identification of WT cells), red (antibody staining) and far-red (identification of KO cells) channels was performed. Representative images of the merged blue and red (grayscale) channels are shown. Antibody dilution used: 1/200. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-32876-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00004478-P01-10ug	Recombinant Human Moesin GST (N-Term) Protein

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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