Product Datasheet

Moesin Antibody (MSN/493)
NBP2-44580-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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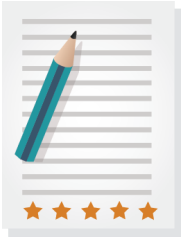


NBP2-44580-0.1mg

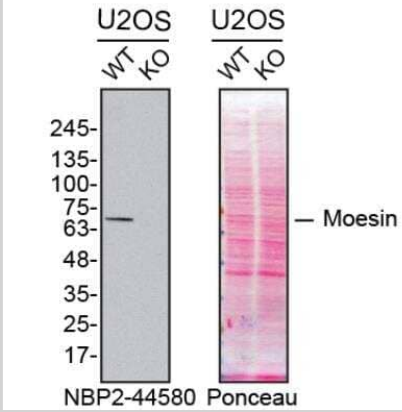
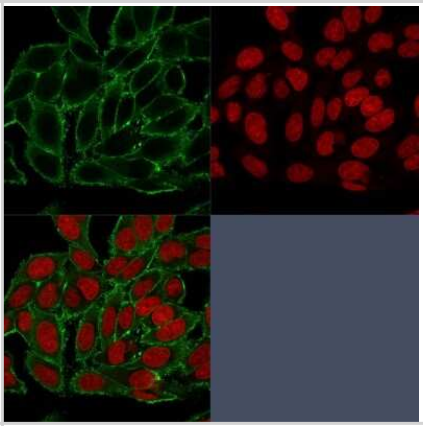
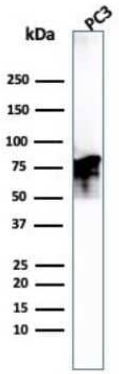
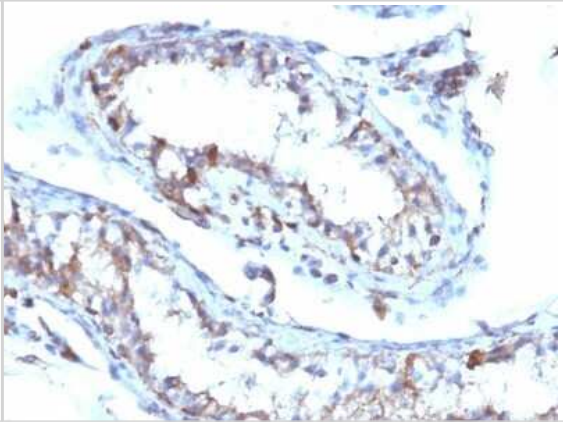
Moesin Antibody (MSN/493)

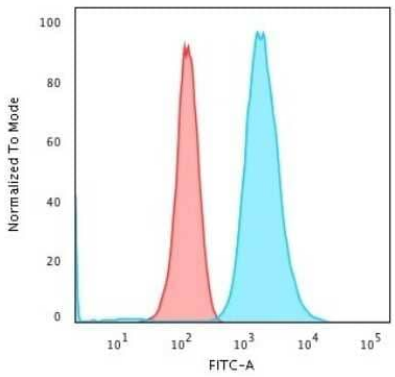
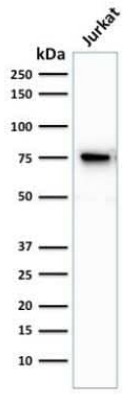
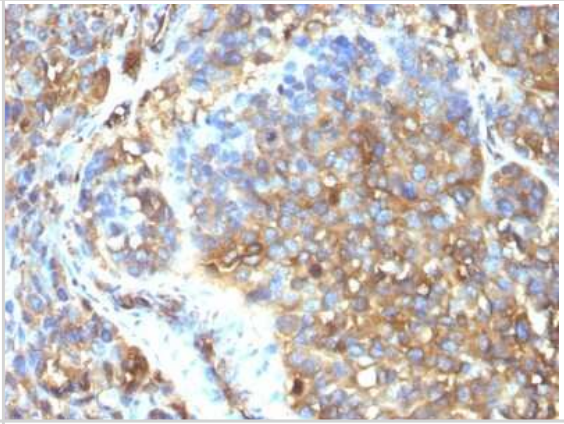
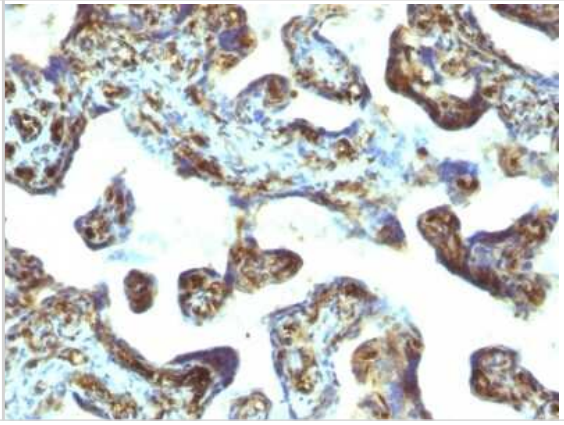
Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	MSN/493
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	78 kDa

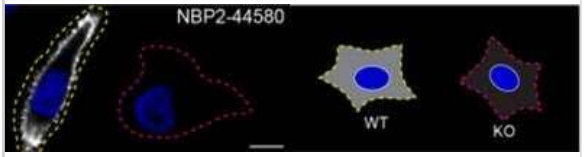
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47917) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	4478
Gene Symbol	MSN
Species	Human, Rat (Negative)
Reactivity Notes	Does not react with Rat.
Immunogen	Recombinant full-length human Moesin protein (Uniprot: P26038)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 2-4 ug/ml, 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 (MSN/493) [NBP2-44580] - Western blot using lysates from U20S parental cell line and Moesin-1 knockout U20S cell line (KO), collected in RIPA buffer. Nitrocellulose membrane was probed with Mouse Anti-Human/Mouse Moesin Monoclonal Antibody (Catalog # NBP2-44580) 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 U20S cell line, but is not detectable in knockout U20S 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).	
Immunocytochemistry/Immunofluorescence: Moesin Antibody (MSN/493) [NBP2-44580] - Immunofluorescent staining of paraformaldehyde-fixed HeLa cells. followed by goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Red Dot (Red)	
Western Blot: Moesin Antibody (MSN/493) [NBP2-44580] - Western Blot Analysis of PC3 cell lysate. Moesin antibody (MSN/493).	
Immunohistochemistry-Paraffin: Moesin Antibody (MSN/493) [NBP2-44580] - Human Testicular Carcinoma stained with Moesin Monoclonal Antibody (MSN/493)	

Flow Cytometry: Moesin Antibody (MSN/493) [NBP2-44580] - Flow Cytometric Analysis of paraformaldehyde-fixed K562 cells. Moesin Antibody (MSN/493) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red)	
Western Blot: Moesin Antibody (MSN/493) [NBP2-44580] - Western Blot Analysis of human Jurkat cell lysate. Moesin Antibody (MSN/493).	
Immunohistochemistry-Paraffin: Moesin Antibody (MSN/493) [NBP2-44580] - Human Melanoma stained with Moesin Monoclonal Antibody (MSN/493)	
Immunohistochemistry-Paraffin: Moesin Antibody (MSN/493) [NBP2-44580] - Human Placenta stained with Moesin Monoclonal Antibody (MSN/493)	

Knockout Validated: Moesin Antibody (MSN/493) [NBP2-44580] - Parental and MSN KO cells were labeled with a green or a far-red dye, respectively. Parental and KO cells were mixed and plated to a 1:1 ratio on coverslips. Cells were stained with anti-Moesin (NBP2-44580) antibodies and with the corresponding Alexa-fluor 555 coupled secondary antibody. Acquisition of the green (WT), red (antibody staining), and far-red (KO) channels was performed. Representative grayscale images of the red channel are shown, and WT and KO cells are outlined with a yellow and magenta dashed line, respectively. A schematic representation of the mosaic strategy used is shown on the right panel. Antibody dilution used: NBP2-44579 at 1/200. Bar = 10 um. Images and testing courtesy of YCharOS Inc. (ycharos.com).	

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Products Related to NBP2-44580-0.1mg

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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