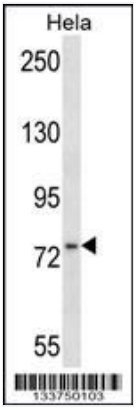
MSN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MSN, Polyclonal Antibody
Full Product Name	MSN, CT (MSN, Moesin, Membrane-organizing extension spike protein) (FITC)
Product Gene Name	anti-MSN antibody
Product Synonym Names	MSN; Moesin; Membrane-organizing extension spike protein
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	577
Chromosome Location	Chromosome: X; NC_000023.10 (64808257..64961793). Location: Xq11.1
OMIM	309845
3D Structure	ModBase 3D Structure for P26038
Immunogen	MSN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 458-487 amino acids from the C-terminal region of human MSN.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-MSN antibody	Antibodies; Membrane Proteins
Applications Tested/Suitable for anti-MSN antibody	Western Blot (WB), FLISA
Application Notes for anti-MSN antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-MSN antibody	Moesin (for membrane-organizing extension spike protein) is a member of the ERM family which includes ezrin and radixin. ERM proteins appear to function as cross-linkers between plasma membranes and actin-based cytoskeletons. Moesin is localized to filopodia and other membranous protrusions that are important for cell-cell recognition and signaling and for cell movement.
Product References and Citations for anti-MSN antibody	Gloerich, M., et al. Mol. Cell. Biol. 30(22):5421-5431(2010). Lee, J.H., et al. Yonsei Med. J. 51(3):438-447(2010). Takahashi, E., et al. J. Biol. Chem. 285(6):4060-4073(2010). He, M., et al. BMC Cancer 10, 170 (2010): Parisiadou, L., et al. J. Neurosci. 29(44):13971-13980(2009).

Other Notes	Small volumes of anti-MSN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MSN purchase	MBS6322552 is an antibody targeting MSN. Also known as MSN, CT (MSN, Moesin, Membrane-organizing extension spike protein) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-MSN antibody
MSN Antibody (C-term) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the MSN antibody detected the MSN protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MSN. It may not necessarily be applicable to this product.

NCBI GI #	4505257
NCBI GeneID	4478
NCBI Accession #	NP_002435.1
UniProt Primary Accession #	P26038
UniProt Related Accession #	P26038
GenBank Nucleotide #	NM_002444.2
NCBI Official Full Name	moesin
NCBI Official Synonym Full Names	moesin
NCBI Official Symbol	MSN
UniProt Protein Name	Moesin
UniProt Synonym Protein Names	Membrane-organizing extension spike protein
UniProt Gene Name	MSN
UniProt Entry Name	MOES_HUMAN
NCBI Protein Information	moesin; membrane-organizing extension spike protein
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