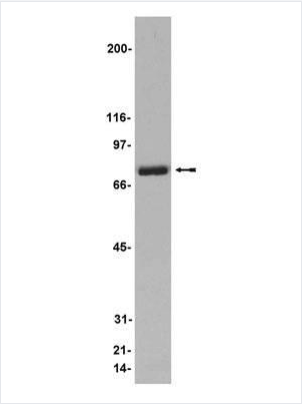
Moesin (MSN) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Moesin (MSN), Polyclonal Antibody
Full Product Name	Moesin (HRP)
Product Gene Name	anti-MSN antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes Moesin, Mr 78kD. Species Crossreactivity: Human, rat and mouse.
Preparation and Storage	May be stored at 4 degree C for short-term only. For long-term storage, store at -20 degree C. Aliquots are stable for at least 12 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.
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	Synthetic peptide corresponding to aa401-413 of human Moesin (C-EALLQASRDQKKT).
Conjugate	HRP
Positive Control	3T3 cell lysate. Add 2.5ul of 2-mercaptoethanol/100ul of lysate and boil for 5 minutes to reduce the preparation. Load 20ug of reduced lysate per lane
Note	Preservative Free
Product Categories/Family for anti-MSN antibody	Antibodies; Cancer Markers
Applications Tested/Suitable for anti-MSN antibody	Western Blot (WB)
Application Notes for anti-MSN antibody	WB: 2ug/ul. 3T3 cell lysate was probed with anti-Moesin (2ug/ul). Applications are based on unconjugated antibody.
Related Product Information for anti-MSN antibody	Moesin, a member of the talin-4. superfamily, is a linking protein of the submembraneous actin cytoskeleton. It is expressed in variable amounts in cells of different phenotypes such as macrophages, lymphocytes, fibroblastic, endothelial, epithelial, and neuronal cell lines but not in blood cells. The ERM proteins, ezrin, radixin, and moesin are involved in a variety of cellular functions, such as cell adhesion, migration, and the organization of cell surface structures, and are highly homologous, both in protein sequence and in functional activity, with merlin/schwannomin, a neurofibromatosis-2-associated tumor-suppressor protein. Cell lines of epithelial and mesothelial origin contain both moesin and radixin whereas cells of endothelial and lymphoid origin express moesin.
Product References and Citations for anti-MSN antibody	1. Franck, Z., et al., J. Cell Sci. 105: 219, 1993 Maeda, M., et al., Oncogene 18: 4788, 1999 Application.

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	MBS6488438 is an antibody targeting MSN. Also known as Moesin (HRP). Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-MSN antibody
WB: 3T3 cell lysate was probed with M4305 anti-Moesin (2ug/ml).

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
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
Protein Family	Moesin
UniProt Gene Name	MSN
UniProt Entry Name	MOES_HUMAN
NCBI Protein Information	moesin; membrane-organizing extension spike protein
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Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/moesin/6488438