

Rabbit anti-Human Moesin Polyclonal Antibody | anti-MSN antibody

Anti-Moesin Antibody, Rabbit Polyclonal

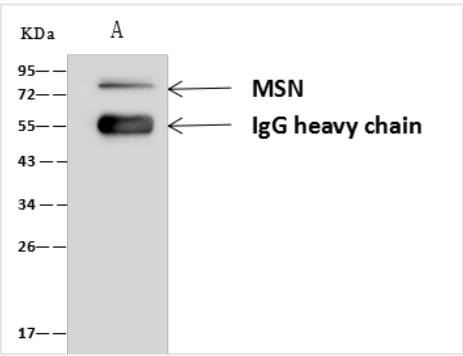
CATALOG # AAA256063	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Moesin; Polyclonal Antibody; Anti-Moesin Antibody; Rabbit Polyclonal; Moesin Antibody; Rabbit PAb; Antigen Affinity Purified; moesin; Anti-HEL70 Antibody; anti-MSN antibody

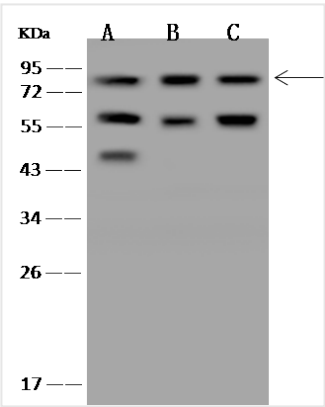
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Moesin
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-MSN antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human Moesin fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human Moesin fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

MSN was immunoprecipitated using: Lane A: 0.5 mg Raji Whole Cell Lysate 4 uL anti-MSN rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-MSN rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 68 kDa. Observed band size: 75 kDa.



WB (Western Blot)

Anti-Moesin rabbit polyclonal antibody at 1:500 dilution. Lane A: HT29 Whole Cell Lysate. Lane B: HeLa Whole Cell Lysate. Lane C: Raji Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 68 kDa. Observed band size: 80 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-MSN antibody	Moesin is a member of the ERM family which includes ezrin and radixin. ERM proteins, highly related members of the larger protein 4.1 superfamily, can exist in an active or inactive conformation. It seems that ERM proteins function as cross-linkers between plasma membranes and actin-based cytoskeletons. The sole Drosophila ERM protein, moesin, functions to promote cortical actin assembly and apical-basal polarity. As a result, cells lacking moesin lose epithelial characteristics and adopt invasive migratory behavior. It is localized to filopodia and other membranous protrusions that are important for cell-cell recognition and signaling and cell movement. Moesin contains 1 FERM domain and is expressed in all tissues and cultured cells studied. Moesin has been shown to interact with CD43, Neutrophil cytosolic factor 1, VCAM-1, Neutrophil cytosolic factor 4, ICAM3, and EZR.
References	Lankes WT, et al. (1991) Moesin: a member of the protein 4.1-talin-ezrin family of proteins. Proc Natl Acad Sci. 88(19):8297-301. Serrador, J M, et al. (1998) CD43 interacts with moesin and ezrin and regulates its redistribution to the uropods of T lymphocytes at the cell-cell contacts. Blood. 91(12):4632-44. Barreiro Olga, et al. (2002) Dynamic interaction of VCAM-1 and ICAM-1 with moesin and ezrin in a novel endothelial docking structure for adherent leukocytes. J Cell Biol. 157(7):1233-45.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.