

# ARG63977 anti-MSN / Moesin antibody

Package: 100 μg Store at: -20°C

# Summary

Product Description	Goat Polyclonal antibody recognizes MSN / Moesin
Tested Reactivity	Hu, Ms
Predict Reactivity	Dog, Rat
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	lgG
Target Name	MSN / Moesin
Species	Human
Immunogen	C-NARDESKKTAND
Conjugation	Un-conjugated
Alternate Names	Moesin; Membrane-organizing extension spike protein; HEL70

# **Application Instructions**

Application table	Application	Dilution
	WB	1 - 3 μg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

#### Properties

Form	Liquid	
Purification	Purified from goat serum by antigen affinity chromatography.	
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.	
Preservative	0.02% Sodium azide	
Stabilizer	0.5% BSA	
Concentration	0.5 mg/ml	
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.	
Note	For laboratory research only, not for drug, diagnostic or other use.	

### **Bioinformation**

Database links	GenelD: 17698 Mouse
	GenelD: 4478 Human
	Swiss-port # P26038 Human
	Swiss-port # P26041 Mouse
Background	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. [provided by RefSeq, Jul 2008]
Research Area	Signaling Transduction antibody
Calculated Mw	68 kDa
PTM	Phosphorylation on Thr-558 is crucial for the formation of microvilli-like structures. Phosphorylation by ROCK2 suppresses the head-to-tail association of the N-terminal and C-terminal halves resulting in an opened conformation which is capable of actin and membrane-binding (By similarity). Phosphorylation on Thr-558 by STK10 negatively regulates lymphocyte migration and polarization. S-nitrosylation of Cys-117 is induced by interferon-gamma and oxidatively-modified low-densitity lipoprotein (LDL(ox)) implicating the iNOS-S100A8/9 transnitrosylase complex.

#### Images

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa	ARG63977 anti-MSN / Moesin antibody WB image Western blot: Human Spleen lysate (35 μg protein in RIPA buffer) stained with ARG63977 anti-MSN / Moesin antibody at 1 μg/ml dilution.
25kDa 20kDa	
15kDa 10kDa	