

**ARG55347**  
**anti-MSN / Moesin antibody**Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MSN / Moesin
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MSN / Moesin
Species	Human
Immunogen	Recombinant protein of Human MSN (NP_002435.1)
Conjugation	Un-conjugated
Alternate Names	Moesin; Membrane-organizing extension spike protein; HEL70

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HT-29	

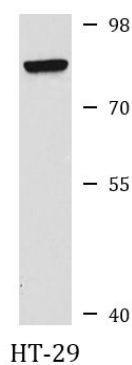
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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	<a href="#">GeneID: 17698 Mouse</a> <a href="#">GeneID: 4478 Human</a> <a href="#">Swiss-port # P26038 Human</a> <a href="#">Swiss-port # P26041 Mouse</a>
Gene Symbol	MSN
Gene Full Name	moesin
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]
Function	Probably involved in connections of major cytoskeletal structures to the plasma membrane. May inhibit herpes simplex virus 1 infection at an early stage. [UniProt]
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-density lipoprotein (LDL(ox)) implicating the iNOS-S100A8/9 transnitrosylase complex.

## Images



ARG55347 anti-MSN / Moesin antibody WB image

Western blot: HT-29 cell lysate stained with ARG55347 anti-MSN / Moesin antibody.