

## Product datasheet for **TA590685**

### Moesin (MSN) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, WB
Recommended Dilution:	WB 1:5000~20000, IF 1:500,ELISA 1:100-1:2000
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DNA immunization. This antibody is specific for the C Terminus Region of the target protein.
Formulation:	20 mM Potassium Phosphate, 150 mM Sodium Chloride, pH 7.0
Concentration:	0.97mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	moesin
Database Link:	<a href="#">NP_002435</a> <a href="#">Entrez Gene 17698 Mouse</a> <a href="#">Entrez Gene 81521 Rat</a> <a href="#">Entrez Gene 491924 Dog</a> <a href="#">Entrez Gene 711712 Monkey</a> <a href="#">Entrez Gene 4478 Human</a> <a href="#">P26038</a>



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**Background:**

Moesin (membrane-organizing extension spike protein) has previously been characterized as a possible receptor protein for heparan sulfate and also as a cytoskeletal linker protein that stabilizes cell surface microvilli, filopodia and lamellipodia. Data indicate that moesin is identical to the 77-kDa band that copurifies with ezrin in its isolation from human placenta (1). Members of the ezrin-radixin-moesin (ERM) family of membrane-cytoskeletal linking proteins have NH<sub>2</sub>- and COOH-terminal domains that associate with the plasma membrane and the actin cytoskeleton, respectively (2). It has been demonstrated that ezrin-radixin-moesin proteins are rapidly inactivated after antigen recognition through a Vav1-Rac1 pathway. The resulting disanchoring of the cortical actin cytoskeleton from the plasma membrane decreased cellular rigidity, leading to more efficient T cell-antigen-presenting cell conjugate formation (3).

**Synonyms:**

HEL70

**Note:**

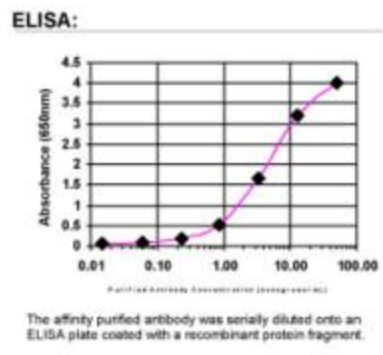
This antibody was generated by SDIX's Genomic Antibody Technology® (GAT). [Learn about GAT](#)

**Protein Families:**

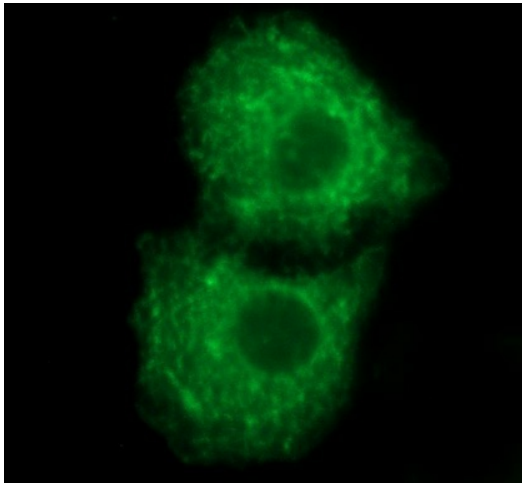
Druggable Genome

**Protein Pathways:**

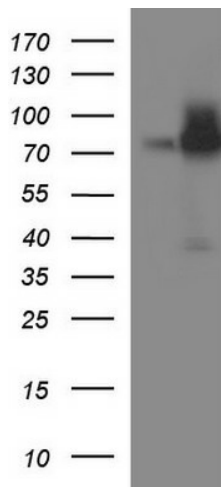
Leukocyte transendothelial migration, Regulation of actin cytoskeleton

**Product images:**

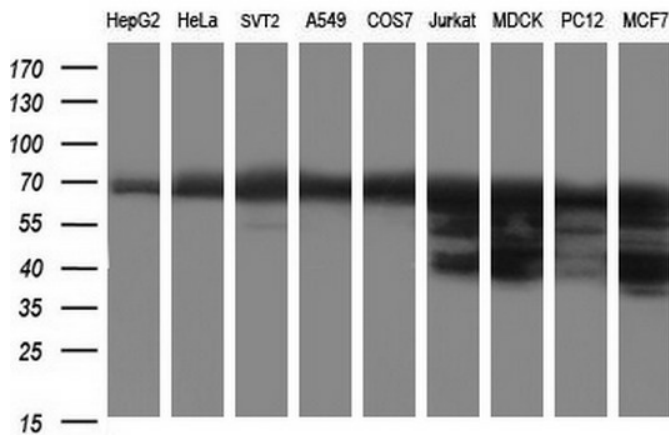
ELISA: Moesin Antibody



Immunofluorescent staining of HeLa cells using anti-MSN rabbit polyclonal antibody (TA590685).



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY MSN (Cat# [RC205674], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MSN(Cat# TA590685). Positive lysates [LY419318] (100ug) and [LC419318] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-MSN monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).