SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-phospho-Moesin (Thr558) antibody

SL17703R

Product Name:	phospho-Moesin (Thr558)
Chinese Name:	磷酸化膜突蛋白抗体
Alias:	Moesin (phospho T558); p-Moesin (phospho T558); Membrane organizing extension spike protein; Membrane-organizing extension spike protein; MOES_HUMAN; Moesin; Moesin/anaplastic lymphoma kinase fusion protein; MSN; MSN/ALK fusion.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	68kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human Moesin around the phosphorylation site of Thr558:YK(p-T)LR
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Subcellular Location:
Cell membrane. Cytoplasm; cytoskeleton. Apical cell membrane. Cell projection; microvillus membrane. Phosphorylated form is enriched in microvilli-like structures at apical membrane (By similarity). Increased cell membrane localization of both phosphorylated and non-phosphorylated forms seen after thrombin treatment.

Tissue Specificity:
In all tissues and cultured cells studied.

Post-translational modifications:
Phosphorylation on Thr-558 is crucial for the formation of microvilli-like structures.

Similarity:
Contains 1 FERM domain.

SWISS:
P26038

Gene ID:
4478

Database links:

Entrez Gene: 4478 Human

Entrez Gene: 17698 Mouse

Omim: 309845 Human

SwissProt: P26038 Human

SwissProt: P26041 Mouse

Unigene: 87752 Human

Unigene: 138876 Mouse

Important Note:

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.