

**Moesin/Ezrin/Radixin (phospho Thr558) Polyclonal Antibody**

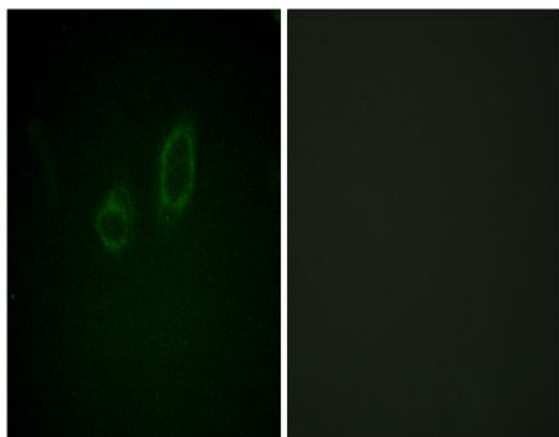
<b>Catalog No :</b>	YP0940
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	Moesin/Ezrin/Radixin
<b>Fields :</b>	>>Tight junction;>>Leukocyte transendothelial migration;>>Regulation of actin cytoskeleton;>>Measles;>>Proteoglycans in cancer
<b>Gene Name :</b>	MSN
<b>Protein Name :</b>	Moesin
<b>Human Gene Id :</b>	4478/5962
<b>Human Swiss Prot No :</b>	P26038/P35241/P15311
<b>Mouse Gene Id :</b>	17698/19684/22350
<b>Rat Gene Id :</b>	81521/54319
<b>Rat Swiss Prot No :</b>	O35763/P31977
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human Moesin/Ezrin/Radixin around the phosphorylation site of Thr558. AA range:524-573
<b>Specificity :</b>	Phospho-Moesin/Ezrin/Radixin (T558) Polyclonal Antibody detects endogenous levels of Moesin/Ezrin/Radixin protein only when phosphorylated at T558.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.

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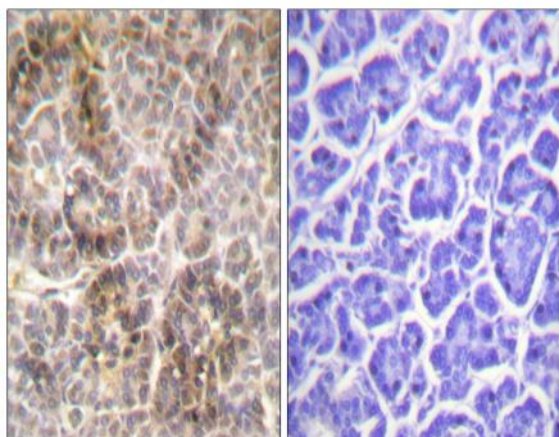
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	67kD
<b>Cell Pathway :</b>	Leukocyte transendothelial migration;Regulates Actin and Cytoskeleton;
<b>Background :</b>	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],
<b>Function :</b>	function:Probably involved in connections of major cytoskeletal structures to the plasma membrane.,PTM:Phosphorylation on Thr-558 is crucial for the formation of microvilli-like structures.,similarity:Contains 1 FERM domain.,subcellular location:Phosphorylated form is enriched in microvilli-like structures at apical membrane.,subunit:In resting T-cells, part of a PAG1-SLC9A3R1-MSN complex which is disrupted upon TCR activation (By similarity). Binds SLC9A3R1.,tissue specificity:In all tissues and cultured cells studied.,
<b>Subcellular Location :</b>	Cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasm, cytoskeleton . Apical cell membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, microvillus membrane ; Peripheral membrane protein ; Cytoplasmic side . Cell projection, microvillus . Phosphorylated form is enriched in microvilli-like structures at apical membrane. Increased cell membrane localization of both phosphorylated and non-phosphorylated forms seen after thrombin treatment (By similarity). Localizes at the uropods of T lymphoblasts. .
<b>Expression :</b>	In all tissues and cultured cells studied.

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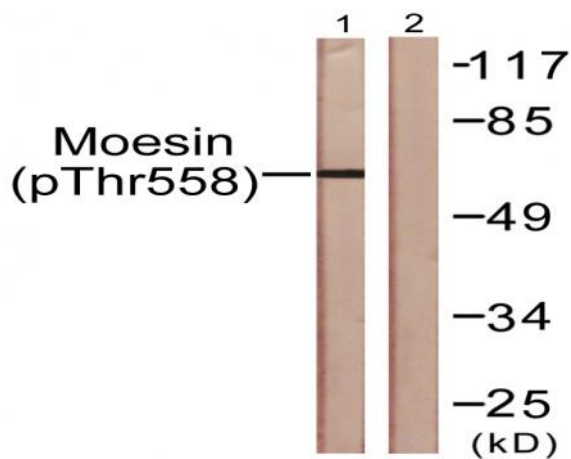
## Products Images



Immunofluorescence analysis of A549 cells, using Moesin/Ezrin/Radixin (Phospho-Thr558) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human pancreas, using Moesin/Ezrin/Radixin (Phospho-Thr558) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from NIH/3T3 cells, using Moesin/Ezrin/Radixin (Phospho-Thr558) Antibody. The lane on the right is blocked with the phospho peptide.