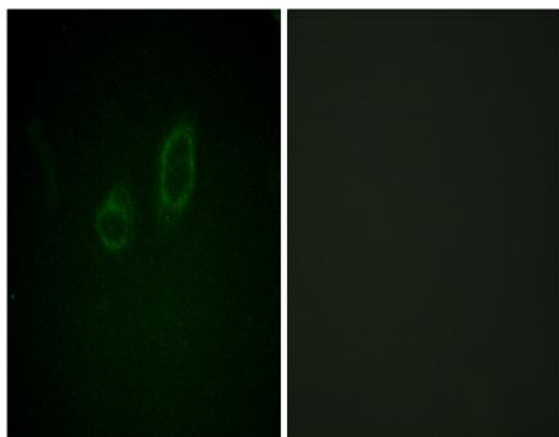


Moesin/Ezrin/Radixin (phospho Thr558) Polyclonal Antibody

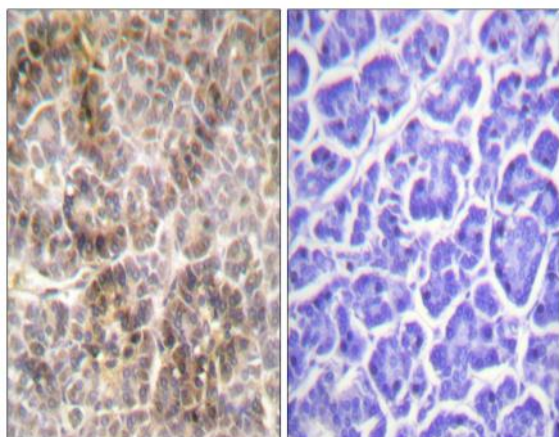
Catalog No :	YP0940
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;ELISA
Target :	Moesin/Ezrin/Radixin
Fields :	>>Tight junction;>>Leukocyte transendothelial migration;>>Regulation of actin cytoskeleton;>>Measles;>>Proteoglycans in cancer
Gene Name :	MSN
Protein Name :	Moesin
Human Gene Id :	4478/5962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

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	67kD
Cell Pathway :	Leukocyte transendothelial migration;Regulates Actin and Cytoskeleton;
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 :	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.,
Subcellular Location :	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. .
Expression :	In all tissues and cultured cells studied.

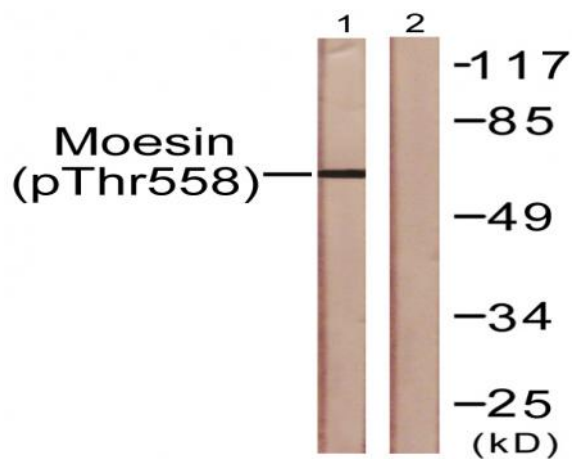
Products Images



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.