

Ezrin/Radixin/Moesin (Phospho Thr567/Thr564/Thr558) (PT0916R) PT™ Rabbit mAb

CatalogNo: YM8685 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 69kD (Calculated)
75kD (Moesin), 80kD (Ezrin and Radixin) (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:1000-1:5000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Basic Information

Clonality Monoclonal

Clone Number PT0916R

Immunogen Information

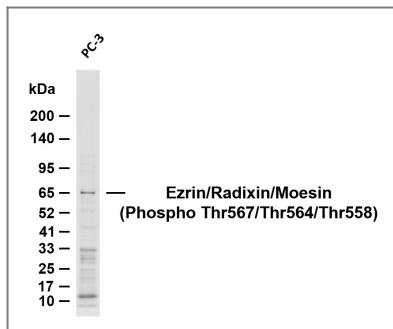
Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Ezrin/Radixin/Moesin (Phospho Thr567/Thr564/Thr558) Antibody detects endogenous levels of Moesin/Ezrin/Radixin protein only when phosphorylated at Thr567/Thr564/Thr558. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):YKtLR

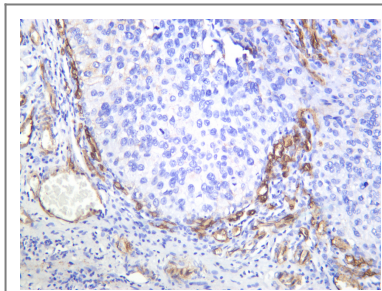
Target Information

Gene name	MSN		
Protein Name	Moesin		
	Organism	Gene ID	UniProt ID
	Human	4478 ; 5962 ;	P26038 ; P35241 ; P15311 ;
	Mouse	17698 ; 19684 ; 22350 ;	
	Rat	81521 ; 54319 ;	O35763 ; P31977 ;
Cellular Localization	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. .		
Tissue specificity	In all tissues and cultured cells studied.		
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.,		

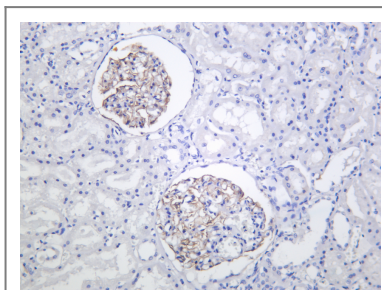
Validation Data



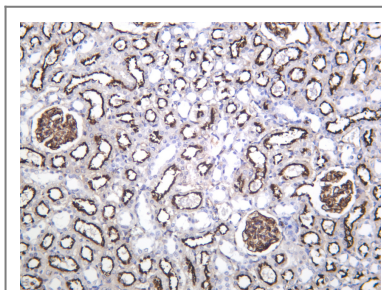
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Ezrin/Radixin/Moesin (Phospho Thr567/Thr564/Thr558) (PT0916R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: PC-3
Predicted band size: 69kDa Observed band size: 65kDa



Human bladder carcinoma was stained with anti-Ezrin/Radixin/Moesin (Phospho Thr567/Thr564/Thr558) (PT0916R) Rabbit antibody



Human kidney was stained with anti-Ezrin/Radixin/Moesin (Phospho Thr567/Thr564/Thr558) (PT0916R) Rabbit antibody



Rat kidney was stained with anti-Ezrin/Radixin/Moesin (Phospho Thr567/Thr564/Thr558) (PT0916R) Rabbit antibody

Contact information

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Please scan the QR code to access additional product information:

**Ezrin/Radixin/Moesin
(Phospho
Thr567/Thr564/Thr558)
(PT0916R) PT™ Rabbit
mAb**

