Catalog # 7430-MSM1X
Product Datasheet

Ezrin / p81 Antibody

Mouse Monoclonal Antibody [Clone SPM244]

Catalog No	Format	Size
7430-MSM1X-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7430-MSM1X-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7430-MSM1X-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

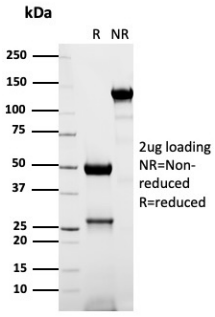
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

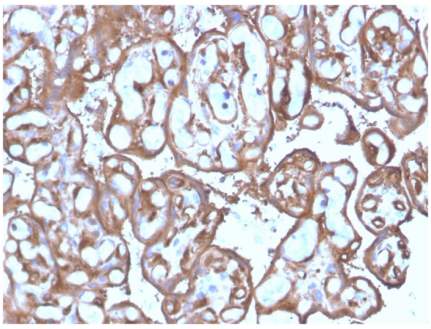
Clone	SPM244
Gene Name	EZR
Immunogen	Recombinant human full-length protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	87kDa
Cellular Localization	Apical cell membrane, Cell cortex, Cell projection, Cytoplasm, Cytoskeleton, Microvillus, Microvillus membrane, Ruffle membrane
Species Reactivity	Human
Positive Control	A431, Jurkat, MCF-7. Cerebral cortex and hippocampus.

**Optimal dilution for a specific application should be determined.*

Product Images for Ezrin / p81 Antibody



SDS-PAGE Analysis of Purified Ezrin Mouse Monoclonal Antibody (SPM244). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human Placenta stained with Ezrin Mouse Monoclonal Antibody (SPM244).

Specificity & Comments

Ezrin, Moesin and Radixin belong to a family of highly homologous Actinassociated proteins that are localized just beneath the plasma membrane. The proteins are believed to be involved in the mediation of interactions between cytoskeletal and membrane proteins. Ezrin serves as a major cytoplasmic substrate of various protein-tyrosine kinases, including the epidermal growth factor receptor. Ezrin has also been identified as a cAMP-dependent protein kinase (A-kinase) anchoring protein and designated AKAP78. Moesin and Radixin share over 70% homology with Ezrin and are coexpressed within various cell types. Despite the high degree of homology, the three proteins exhibit a distinct receptor-specific pattern of phosphorylation. Overexpression of Ezrin predicts the poor prognosis of gastric adenocarcinoma.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

BBB VCAM-1 Signaling, Cardiovascular, Developmental Biology

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.