

36-3362: Anti-Ezrin / p81 Monoclonal Antibody(Clone: SPM244)

Clonality :	Monoclonal
Clone Name :	SPM244
Application :	WB,IHC
Reactivity :	Human
Gene :	Ezrin
Gene ID :	7430
Uniprot ID :	P15311
Alternative Name :	Villin-2; CVIL; Epididymis secretory protein Li 105; EZR; p81; VIL2; Cytovillin; Cytovillin 2; HEL S 105; DKFZp762H157
Isotype :	Mouse IgG2b, kappa
Immunogen Information :	Recombinant human full-length protein

Description

Ezrin, Moesin and Radixin belong to a family of highly homologous Actin-associated 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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/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 condition :	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.

Application Note

Western Blot (1-2µg/ml); Immunohistochemistry (Formalin-fixed) (1-2µg/ml for 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);

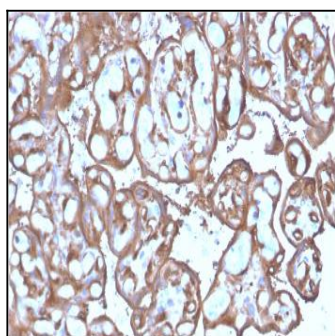


Fig. 1: Formalin-fixed, paraffin-embedded human Placenta stained with Ezrin Mouse Monoclonal Antibody (SPM244).