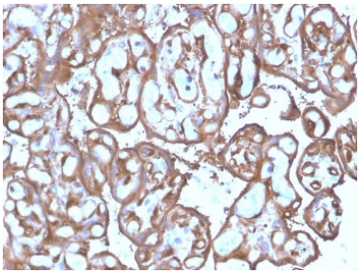
Ezrin Antibody / EZR [clone SPM244] (V8158)

Catalog No.	Formulation	Size
V8158-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8158-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8158SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	SPM244
Purity	Protein G affinity chromatography
UniProt	P15311
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Ezrin antibody is available for research use only.



IHC staining of FFPE human placenta with Ezrin antibody (clone SPM244). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

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.

Application Notes

Optimal dilution of the Ezrin antibody should be determined by the researcher.

Immunogen

A recombinant human full-length protein was used as the immunogen for this Ezrin antibody.

Storage

Store the Ezrin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).