

Mouse Ezrin/p81 Monoclonal Antibody | anti-Ezrin antibody

Ezrin/p81

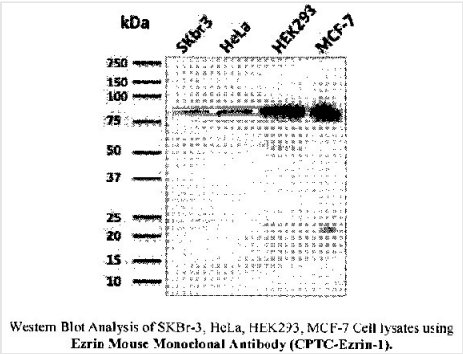
CATALOG # AAA214832	HOST Mouse	REACTIVITY Human. Others not tested.	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

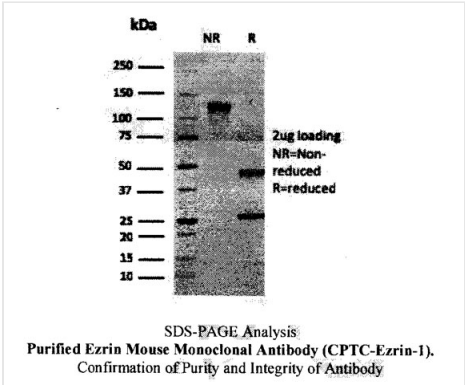
Ezrin/p81; Monoclonal Antibody; Villin-2; CVIL; Epididymis secretory protein Li 105; EZR; p81; VIL2; Cytovillin; Cytovillin 2; HEL S 105; DKFZp762H157; anti-Ezrin antibody

PRODUCT SPECIFICATIONS

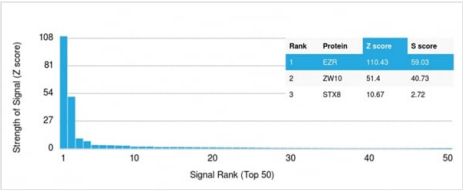
Host	Mouse
Reactivity	Human. Others not tested.
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	CPTC-Ezrin-1
Specificity	Ezrin, Moesin and Radixin belong to a family of highly homologous Actinassociated proteins that are localized just beneath the plasma membrane. The proteins are believed to be involved 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.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	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.
Sequence Length	586
Applicable Applications for anti-Ezrin antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant human full-length Ezrin protein
Positive Control	SKBr3, HeLa, HEK293, MCF-7, Jurkat, A431, MCF-7. Cerebral cortex and hippocampus.
Cellular Localization	Cell Surface.
Chromosome Location	6q25.3
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.



WB (Western Blot)

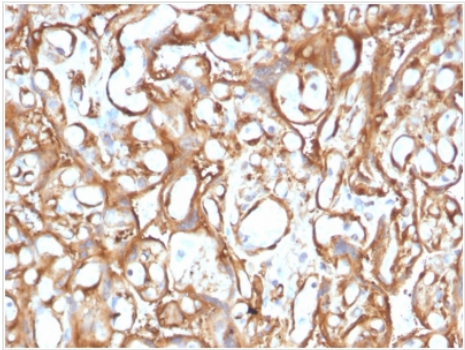


SDS-PAGE



Application Data

Analysis of Protein Array containing more than 19,000 full-length human proteins using Ezrin/p81 Mouse Monoclonal Antibody (CPTC-Ezrin-1). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Placenta stained with Ezrin Mouse Monoclonal Antibody (CPTC-Ezrin-1).

ADDITIONAL INFORMATION

References	Jin, Jingchun, et al. Pathology, BioMed Central, 5 Oct. 201
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161702986
NCBI GeneID	7430
NCBI Accession #	NP_001104547.1
NCBI GenBank Nucleotide #	NM_001111077.1
UniProt Accession #	P15311; P23714; Q4VX75; Q96CU8; Q9NSJ4; E1P5A8
Molecular Weight	87kDa
NCBI Official Full Name	ezrin
NCBI Official Synonym Full Names	ezrin
NCBI Official Symbol	EZR
NCBI Official Synonym Symbols	CVL; CVIL; VIL2; HEL-S-105
NCBI Protein Information	ezrin
UniProt Protein Name	Ezrin

UniProt Gene Name	EZR
UniProt Synonym Gene Names	VIL2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ezrin-p81-antibody-clone-cptc-ezrin-1-immunohistochemistry-western-blot-elisa/214832>