

Product datasheet for **DM380-05**

Ezrin (EZR) Mouse Monoclonal Antibody [Clone ID: 3C12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3C12
Applications:	IHC, IP, WB
Recommended Dilution:	Immunoprecipitation. Western blot: 1/100-1/750. Immunohistochemistry on Paraffin Embedded Sections: dilute 1/50-1/100 in an ABC method (30 minutes at room temperature). Recommended Positive Control: Lung.
Reactivity:	Bovine, Hamster, Human, Kangaroo, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	BALB/C mice were immunized with a recombinant fragment of Human Ezrin corresponding to amino acid 362-585.
Specificity:	This antibody reacts with a protein of 70 kDa. Cellular Localization: Cell membrane.
Formulation:	State: Purified State: Liquid purified Ascites Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ezrin
Database Link:	Entrez Gene 7430 Human P15311



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Background:

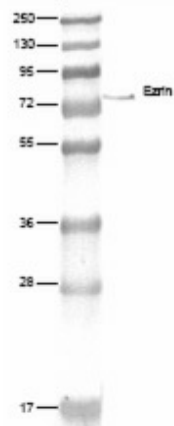
Ezrin serves as a tyrosine kinase substrate and is phosphorylated in EGF-stimulated cells. Ezrin is a cytoplasmic protein enriched in microvilli and other cell surfaces. Ezrin has an actin-binding capacity. Ezrin is expressed in epithelial cells but not in mesenchymal cells. Ezrin is also expressed by certain epithelial tumors, such as renal cell adenocarcinomas.

Synonyms:

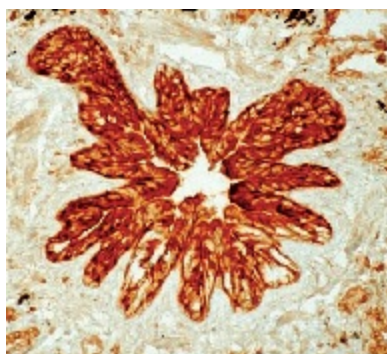
p81, Cytovillin, Villin-2, EZR, VIL2

Product images:

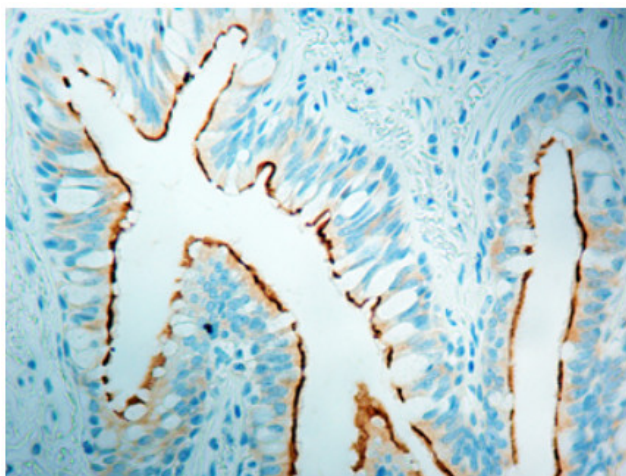
KDa, Protein Ladder



Western blot analysis of human lung cell extract with Ezrin antibody. DM380



Formalin-Fixed Paraffin-Embedded Human lung adenocarcinoma stained with Ezrin Antibody Cat.-No DM380 (Clone 3C12).



Formalin-Fixed Paraffin-Embedded Human lung stained with Ezrin Antibody Cat.-No DM380 (Clone 3C12).