

## Monoclonal Mouse Antibody to Ezrin/p81/Cytovillin

<b>Catalog No.:</b>	Mob 380, Mob 380-05
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
<b>Immunogen:</b>	BALB/C mice were immunized with a recombinant fragment of human ezrin corresponding to amino acid 362-585.
<b>Clone:</b>	3C12
<b>Isotype:</b>	IgG1
<b>Format:</b>	This antibody is supplied as purified ascites containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:50-1:100 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Immuno-Staining:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
<b>Positive Control:</b>	Lung
<b>Cellular Localization:</b>	Cell membrane
<b>Specificity:</b>	This antibody reacts with a protein of 70 kD. 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 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. This antibody cross reacts with monkey, cow, kangaroo, rat, mouse, and hamster.
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Bohling et al. Am J Pathol 148: 367, 1996. ii) Helander et al. Nature 382: 265, 1996. iii) Turunen et al. J cell Biol 126: 1445, 1994.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

1020 Serpentine Lane, # 114, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390

Website: [www.dbiosys.com](http://www.dbiosys.com) e-mail: [customersupport@dbiosys.com](mailto:customersupport@dbiosys.com)