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Anti-Ezrin Rabbit mAb [72C43]

Catalog No.: A52114

Basic Information

Catalog No. (Cat.No.)	A52114
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Ezrin,EZR,ERM protein family member,ezrin-radixin-moesin protein

Product Information

Target	Ezrin
Molecular Weight(Calculated)	69 kDa
Molecular Weight(Observed)	80 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	72C43
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IHC	1:1000-1:4000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Ezrin
Gene Name	*EZR*
Domain	NA
Background	Ezrin is a core member of the ERM (Ezrin-Radixin-Moesin) actin cross-linking protein family encoded by the EZR gene, serving as a key scaffold protein linking the cell membrane and cytoskeleton. Ubiquitously expressed in epithelial cells, mesenchymal cells and other cell types, Ezrin is mainly localized in the cortical membrane region. It binds membrane receptors and actin cytoskeleton to maintain cell morphology, membrane stability and cell polarity, and regulates cell adhesion, migration, invasion and signal transduction. Abnormal Ezrin activation causes cytoskeletal remodeling disorder, reduced cell adhesion and enhanced migratory and invasive capacities, acting as a critical regulator of tumor metastasis, epithelial-mesenchymal transition and tissue remodeling dysfunction. It is aberrantly overexpressed in various malignant tumors and closely correlated with tumor prognosis.