

Ezrin Recombinant Rabbit Monoclonal Antibody (JM10-65)

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	JM10-65
Conjugate	Unconjugated
Immunogen	Synthetic peptide within Human Ezrin aa 350-386
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	TBS, pH 7.4, with 40% Glycerol, 0.05% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2809862

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunohistochemistry (IHC)	1:50-1:200	-

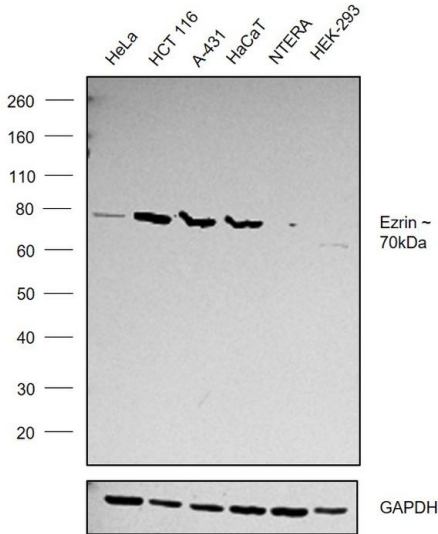
Product Specific Information

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For Ezrin Recombinant Rabbit Monoclonal Antibody (JM10-65)

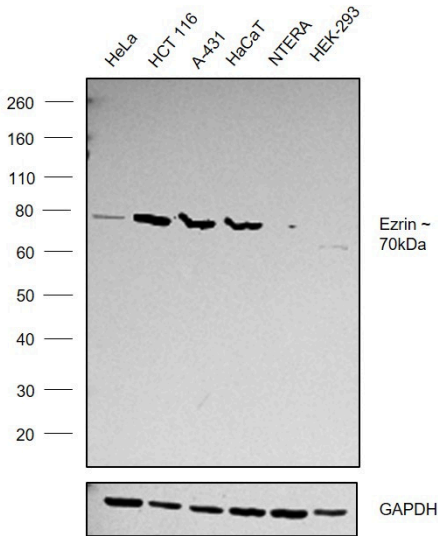
Ezrin Antibody (MA5-32585) in WB

Western blot was performed using Anti-Ezrin Recombinant Rabbit Monoclonal Antibody (JM10-65)(Product # MA5-32585) and a ~70kDa band corresponding to Ezrin was observed to be high in HeLa, HCT 116, A-431 and HacaT compared to NTERA and HEK-293. Membrane enriched extracts (30 µg lysate) of HeLa (Lane 1), HCT 116 (Lane 2), A-431 (Lane 3), HaCaT (Lane 4), NTERA-2 cl.D1 (Lane 5), HEK-293 (Lane 6) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # LC2002) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1: 1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036,1:4000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



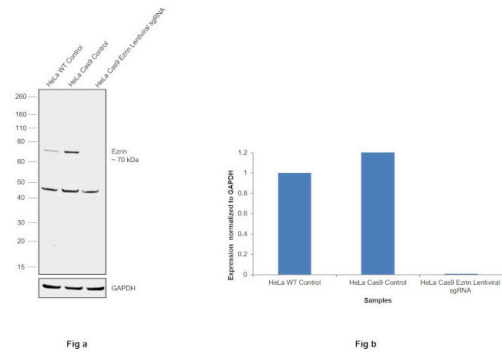
Ezrin Antibody (MA5-32585)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines owing to their inherent genetic constitution. Relative expression of Ezrin was observed to be high in HeLa, HCT116, A-431 and HaCaT compared to other cell lines using Anti-Ezrin Recombinant Rabbit Monoclonal Antibody (JM10-65) (Product # MA5-32585) in Western Blot. {RE}



Ezrin Antibody (MA5-32585)

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in HeLa Cas9 cell line transduced with Ezrin Lentiviral sgRNA compared to control cell line using Anti-Ezrin Recombinant Rabbit Monoclonal Antibody (JM10-65) (Product # MA5-32585). {KO}



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