

Datasheet for ABIN7138989
anti-Ezrin antibody (pTyr353)



[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|----------------------------------------------------------|
| Quantity: | 100 µL |
| Target: | Ezrin (EZR) |
| Binding Specificity: | pTyr353 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Ezrin antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

Product Details

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| Immunogen: | Peptide sequence around phosphorylation site of tyrosine 353 (Q-D-Y(p)-E-E) derived from Human EZRIN. |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Purification: | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using |

Target Details

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|-------------------|--------------------------------------|
| Target: | Ezrin (EZR) |
| Alternative Name: | EZR (EZR Products) |

Target Details

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|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Background:</p> <p>Probably involved in connections of major cytoskeletal structures to the plasma membrane. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical pole. Along with PLEKHG6, required for normal macropinocytosis.</p> <p>Zhao H, et al. (2004) Proc Natl Acad Sci U S A 101 (25): 9485-9490.</p> <p>Wang Q, et al. (2003) J Biol Chem 278(48): 47731-47743.</p> <p>Gautreau A, et al. (1999) Proc Natl Acad Sci U S A 96(13): 7300-7305.</p> <p>Crepaldi T, et al. (1997) J Cell Biol 138(2): 423-34.</p> <p>Aliases: Villin 2 ezrin antibody; CVIL antibody; CVL antibody; Cytovillin 2 antibody; Cytovillin antibody; DKFZp762H157 antibody; Epididymis secretory protein Li 105 antibody; EZR antibody; EZRI_HUMAN antibody; Ezrin antibody; FLJ26216 antibody; HEL S 105 antibody; MGC1584 antibody; p81 antibody; VIL 2 antibody; VIL2 antibody; Villin 2 (ezrin) antibody; Villin 2 antibody; Villin-2 antibody; Villin2 antibody</p> |
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| UniProt: | P15311 |
|----------|------------------------|

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| Pathways: | Maintenance of Protein Location |
|-----------|-------------------------------------------------|

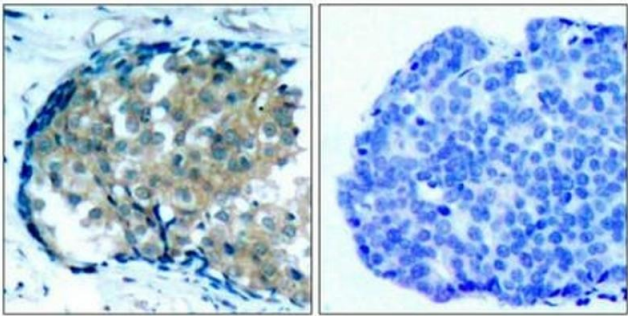
Application Details

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|--------------------|----------------------------------|
| Application Notes: | WB:1:500-1:1000, IHC:1:50-1:100, |
|--------------------|----------------------------------|

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| Restrictions: | For Research Use only |
|---------------|-----------------------|

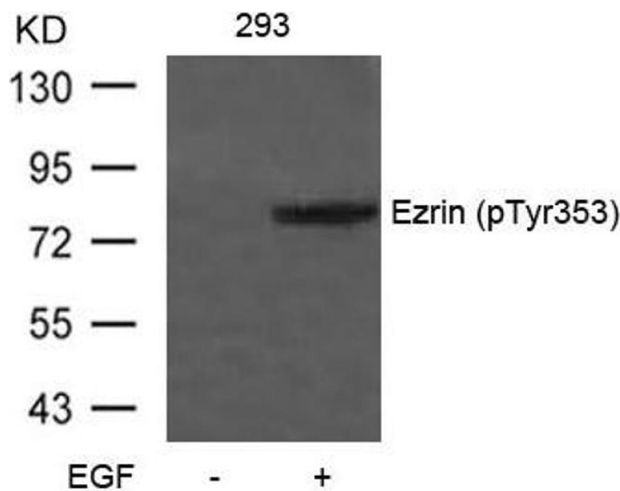
Handling

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|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format: | Liquid |
| Buffer: | Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C,-80 °C |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Ezrin(Phospho-Tyr353) Antibody(left) or the same antibody preincubated with blocking peptide(right).



Western Blotting

Image 2. Western blot analysis of extracts from 293 cells untreated or treated with EGF using Ezrin(Phospho-Tyr353) Antibody.