

ARG51566 anti-Ezrin phospho (Tyr353) antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes Ezrin phospho (Tyr353) |
| Tested Reactivity | Hu, Ms |
| Tested Application | IHC-P, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | Ezrin |
| Species | Human |
| Immunogen | Peptide sequence around phosphorylation site of tyrosine 353 (Q-D-Y(p)-E-E) derived from Human EZRIN. |
| Conjugation | Un-conjugated |
| Alternate Names | Ezrin; p81; HEL-S-105; VIL2; CVL; Cytovillin; CVIL; Villin-2 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|----------------|
| | IHC-P | 1:50 - 1:100 |
| | WB | 1:500 - 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

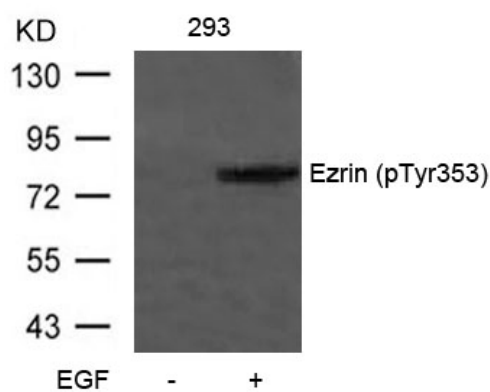
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Antibodies were produced by immunizing rabbits with KLH-conjugated synthetic phosphopeptide. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. In addition, non-phospho specific antibodies were removed by chromatography using non-phosphopeptide. |
| Buffer | PBS (without Mg2+ and Ca2+, pH 7.4), 150mM NaCl, 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Bioinformation

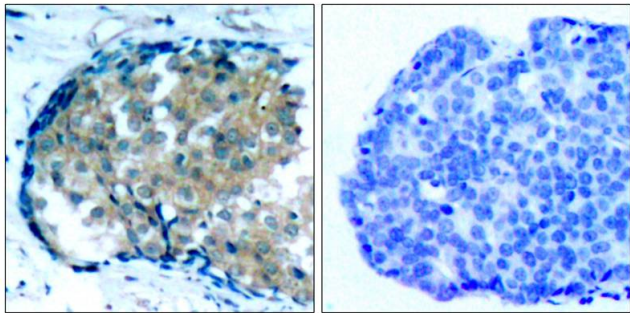
| | |
|----------------|--|
| Database links | GeneID: 22350 Mouse GeneID: 7430 Human Swiss-port # P15311 Human Swiss-port # P26040 Mouse |
| Gene Symbol | EZR |
| Gene Full Name | ezrin |
| Background | Probably involved in connections of major cytoskeletal structures to the plasma membrane. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical pole. Along with PLEKHG6, required for normal macropinocytosis. |
| Function | 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. [UniProt] |
| Research Area | Cancer antibody; Signaling Transduction antibody |
| Calculated Mw | 69 kDa |
| PTM | Phosphorylated by tyrosine-protein kinases. Phosphorylation by ROCK2 suppresses the head-to-tail association of the N-terminal and C-terminal halves resulting in an opened conformation which is capable of actin and membrane-binding (By similarity). S-nitrosylation is induced by interferon-gamma and oxidatively-modified low-density lipoprotein (LDL(ox)) possibly implicating the iNOS-S100A8/9 transnitrosylase complex. |

Images



ARG51566 anti-Ezrin phospho (Tyr353) antibody WB image

Western blot: Extracts from 293 cells untreated or treated with EGF stained with ARG51566 anti-Ezrin phospho (Tyr353) antibody.



ARG51566 anti-Ezrin phospho (Tyr353) antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human breast carcinoma tissue stained with ARG51566 anti-Ezrin phospho (Tyr353) antibody (left) or the same antibody preincubated with blocking peptide (right).