



M-RIP Monoclonal Antibody

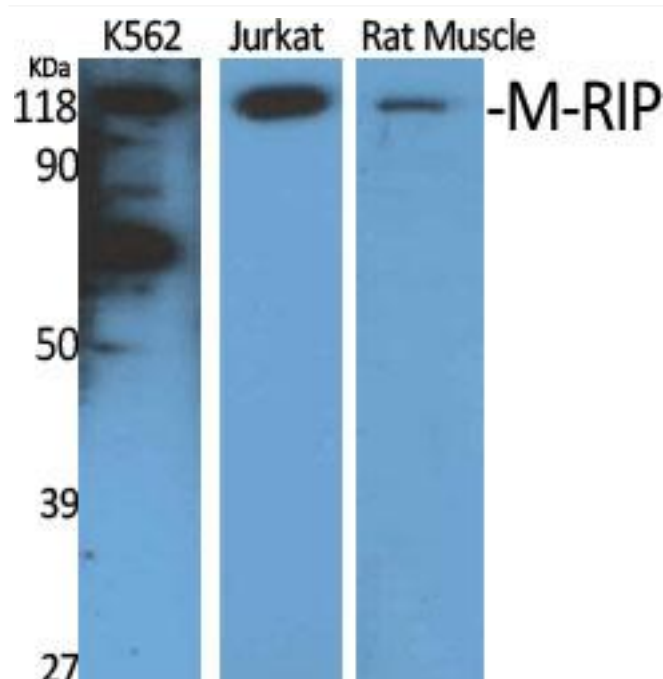
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| Catalog No | BYmab-03332 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | WB |
| Gene Name | MPRIP |
| Protein Name | Myosin phosphatase Rho-interacting protein |
| Immunogen | Synthesized peptide derived from the Internal region of human M-RIP. |
| Specificity | M-RIP Monoclonal Antibody detects endogenous levels of M-RIP protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Monoclonal, Mouse,IgG |
| Purification | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | MPRIP; KIAA0864; MRIP; RHOIP3; Myosin phosphatase Rho-interacting protein; M-RIP; Rho-interacting protein 3; RIP3; p116Rip |
| Observed Band | 115kD |
| Cell Pathway | Cytoplasm, cytoskeleton . Colocalizes with F-actin. |
| Tissue Specificity | Aorta,Brain,Epithelium,Lymph,Melanoma,Muscle,Ovary,Tongue, |
| Function | function:Targets myosin phosphatase to the actin cytoskeleton. Required for the regulation of the actin cytoskeleton by RhoA and ROCK1. Depletion leads to an increased number of stress fibers in smooth muscle cells through stabilization of actin fibers by phosphorylated myosin. Overexpression of MRIP as well as its F-actin-binding region leads to disassembly of stress fibers in neuronal cells.,similarity:Contains 1 PH domain.,similarity:Contains 2 PH domains.,subcellular location:Colocalizes with F-actin.,subunit:Binds F-actin through its N-terminus (By similarity). Binds RHOA, PPP1R12A/MBS and PPP1R12C/MBS85 through adjacent coiled coil domains., |

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| Background | function:Targets myosin phosphatase to the actin cytoskeleton. Required for the regulation of the actin cytoskeleton by RhoA and ROCK1. Depletion leads to an increased number of stress fibers in smooth muscle cells through stabilization of actin fibers by phosphorylated myosin. Overexpression of MRIP as well as its F-actin-binding region leads to disassembly of stress fibers in neuronal cells.,similarity:Contains 1 PH domain.,similarity:Contains 2 PH domains.,subcellular location:Colocalizes with F-actin.,subunit:Binds F-actin through its N-terminus (By similarity). Binds RHOA, PPP1R12A/MBS and PPP1R12C/MBS85 through adjacent coiled coil domains., |
| matters needing attention | Avoid repeated freezing and thawing! |
| Usage suggestions | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

Products Images



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