# RIP3 (Phospho Ser227) mouse mAb

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| **Catalog No** | BYmab-17820 |
| **Isotype** | IgG |
| **Reactivity** | Human |
| **Applications** | WB |
| **Gene Name** | RIPK3 RIP3 |
| **Protein Name** | |
| **Immunogen** | Synthesized phosho peptide around human RIP3 (Ser227) |
| **Specificity** | This antibody detects endogenous levels of Human RIP3 (phospho-Ser227) |
| **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** | Receptor-interacting serine/threonine-protein kinase 3 (EC 2.7.11.1) (RIP-like protein kinase 3) (Receptor-interacting protein 3) (RIP-3) |
| **Observed Band** | 56-70kD |
| **Cell Pathway** | Cytoplasm, cytosol . Nucleus . Mainly cytoplasmic. Present in the nucleus in response to influenza A virus (IAV) infection. . |
| **Tissue Specificity** | Highly expressed in the pancreas. Detected at lower levels in heart, placenta, lung and kidney. ; [Isoform 3]: Expression is significantly increased in colon and lung cancers. |
| **Function** | catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Promotes apoptosis.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subunit:Binds TRAF2 and RIPK1 and is recruited to the TNFR-1 signaling complex.,tissue specificity:Highly expressed in the pancreas. Detected at lower levels in heart, placenta, lung and kidney. Isoform 3 is significantly increased in colon and lung cancers., |
| **Background** | The product of this gene is a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases, and contains a C-terminal domain |

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| | unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytoplasmic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor (TNF) receptor-I signaling complex, and can induce apoptosis and weakly activate the NF-kapMAB transcription factor. [provided by RefSeq, Jul 2008], |
| **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