# RIP (Phospho Ser166) (PT0757R) PT™ Rabbit mAb

CatalogNo: YM8740 Recombinant

## Key Features

Host Species
- Rabbit

Reactivity
- Human

Applications
- WB,IF,ELISA

MW
- 76kD (Calculated)

80kD (Observed)

Isotype
- IgG,Kappa

## Storage

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|---|---|
| **Storage*** | -15°C to -25°C/1 year(Do not lower than -25°C) |
| **Formulation** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA |

## Recommended Dilution Ratios

**WB 1:500-1:2000**
**IF 1:200-1:1000**
**ELISA 1:5000-1:20000**

## Basic Information

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|---|---|
| **Clonality** | Monoclonal |
| **Clone Number** | PT0757R |

## Immunogen Information

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|---|---|
| **Immunogen** | The specific immunogen used to produce this antibody is proprietary information. |

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|---|---|
| **Specificity** | RIPK1 (Phospho Ser166) Antibody detects endogenous levels of RIPK1 protein only when phosphorylated at S166.The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):MWsKL |

## Target Information

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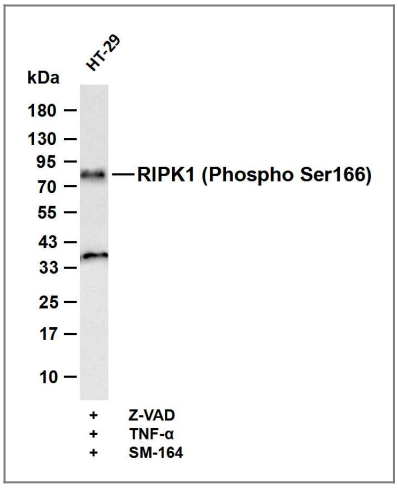
|---|---|
| **Gene name** | RIPK1 RIP RIP1 |
| **Protein Name** | Receptor-interacting serine/threonine-protein kinase 1 (Cell death protein RIP) (Receptor-interacting protein 1) (RIP-1) (Serine/threonine-protein kinase RIP) |

| Organism | Gene ID | UniProt ID |
|---|---|---|
| Human | 8737; | Q13546; |
| Mouse | 19766; | Q60855; |

| | |
|---|---|
| **Cellular Localization** | Cytoplasm . Cell membrane . |
| **Tissue specificity** | Leukemic T-cell,T-cell,Umbilical vein endothelial cell, |
| **Function** | Catalytic activity:ATP + a protein = ADP + a phosphoprotein.,Function:Promotes apoptosis and activation of NF-kappa-B. Required for TNFRSF1A mediated activation of NF-kappa-B.,PTM:Autophosphorylated on serine and threonine residues.,PTM:Proteolytically cleaved by caspase-8 during TNF-induced apoptosis. Cleavage abolishes NF-kappa-B activation and enhances pro-apototic signaling through the TRADD-FADD interaction.,similarity:Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family.,similarity:Contains 1 death domain.,similarity:Contains 1 protein kinase domain.,subunit:Binds to the death domain of TNFRSF6 and TRADD. Is recruited by TRADD to TNFRSF1A in a TNF-dependent process. Binds RIPK3, UBCE7IP1 isoform 3 (ZIN), EGFR, IKBKG, TRAF1, TRAF2 and TRAF3. Interacts with BNLF1. Interacts with SQSTM1 upon TNF-alpha stimulation. May interacts with MAVS/IPS1., |

## Validation Data




Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-RIPK1 (Phospho Ser166) (PT0757R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HT-29 was treated with Z-VAD (20μM) for 30 minutes before adding TNF-α (20ng/ml) and SM-164 (100nM) for 7 hours. Predicted band size: 76kDa Observed band size: 80kDa

## Contact information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