

RIP (Phospho Ser166) (PT2078R) PT™ Rabbit mAb

CatalogNo: YM960346 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Mouse, Rat

Applications

- WB, IF, IP, ELISA

MW

- 76kD (Calculated)
70kD (Observed)

Isotype

- IgG, Kappa

Storage

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

IP 1:50-1:200

Basic Information

Clonality Monoclonal

Clone Number PT2078R

Immunogen Information

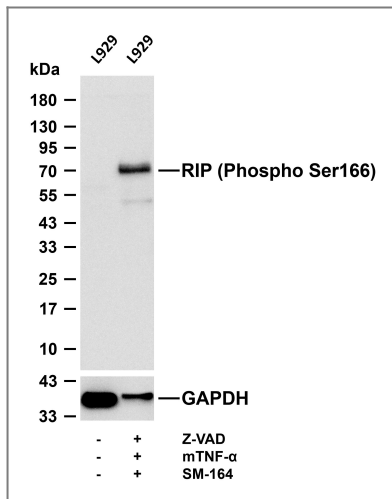
Immunogen The specific immunogen used to produce this antibody is proprietary information.

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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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

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-RIP (Phospho Ser166) (PT2078R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: L929 Lane 2: L929 was treated with Z-VAD(OMe)-FMK(20μM) for 30 minutes before adding mouse TNF-α(20ng/ml) and SM-164(100nM) for 7 hours. Predicted band size: 76kDa Observed band size: 70kDa

Contact information

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RIP (Phospho Ser166) (PT2078R) PT™ Rabbit mAb

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