

## RIP (PT0147R) PT® Rabbit mAb

CatalogNo: YM8084

Recombinant KD/KO Validated 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,

#### Applications

- WB,IHC,IF,IP,ELISA

#### MW

- 76kD (Calculated)  
76kD (Observed)

#### Isotype

- IgG,Kappa

### Recommended Dilution Ratios

IHC 1:200-1000

WB 1:1000-5000

IF 1:200-1000

ELISA 1:5000-20000

IP 1:50-200

### 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

### Basic Information

**Clonality** Monoclonal**Clone Number** PT0147R

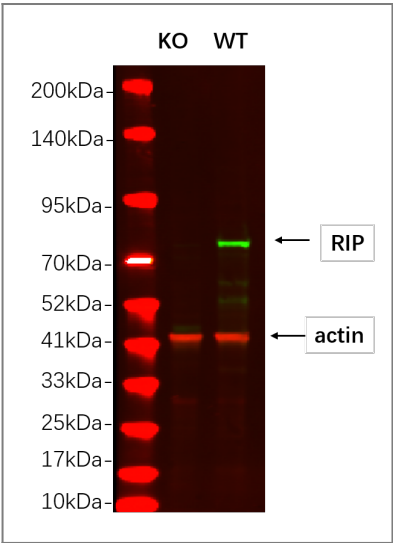
### Immunogen Information

**Specificity** Endogenous

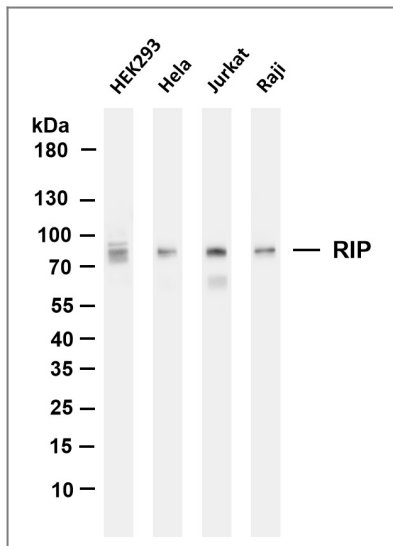
## Target Information

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	<a href="#">8737</a> ;	<a href="#">Q13546</a> ;
	Mouse		<a href="#">Q60855</a> ;
Cellular Localization	Cytoplasmic, Membranous		
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.,		

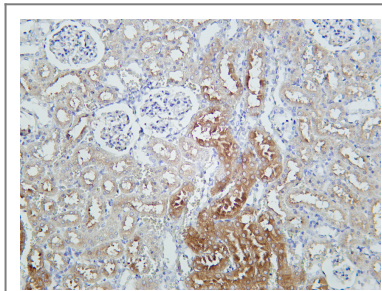
## Validation Data



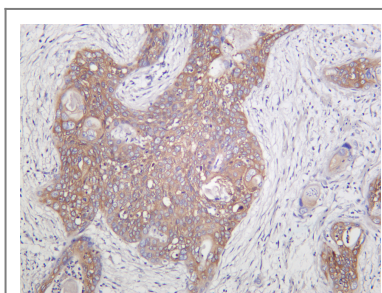
Western blot analysis of lysates from HAP1 WT and knockout cell , (Green) primary antibody was diluted at 1:5000, 4° over night, Dylight 800 secondary antibody(Immunoway:RS23920)was diluted at 1:10000, 37° 1hour. (Red) GAPDH Monoclonal Antibody(5B7) (Immunoway:YM3028) antibody was diluted at 1:5000 as loading control, 4° over night, Dylight 680 secondary antibody(Immunoway:RS23710)was diluted at 1:10000, 37° 1hour.



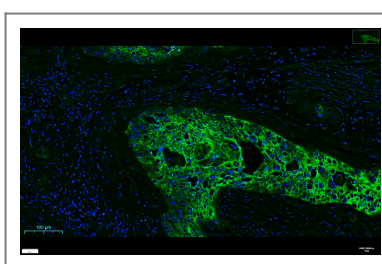
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-RIP antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HEK293 Lane 2: HeLa Lane 3: Jurkat Lane 4: Raji Predicted band size: 76kDa Observed band size: 76kDa



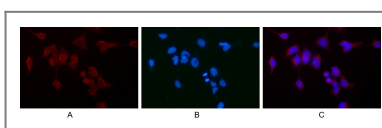
Rat kidney was stained with Anti-RIP rabbit antibody



Human cervical carcinoma was stained with Anti-RIP rabbit antibody



human cervical cancer was stained with Anti-RIP rabbit antibody



Immunofluorescence analysis of HEK293. Picture A: RIP antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B

## Contact information

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Please scan the QR code  
to access additional  
product information:  
**RIP (PT0147R) PT®**  
**Rabbit mAb**

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