

Yes1 (PT0670R) PT® Rabbit mAb

CatalogNo: YM8560 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,IHC,IF,IP,ELISA

MW

- 61kD (Calculated)
- 61kD (Observed)

Isotype

- IgG,Kappa

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

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** PT0670R

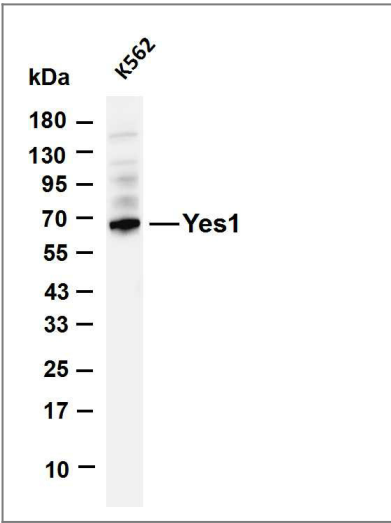
Immunogen Information

Specificity Endogenous

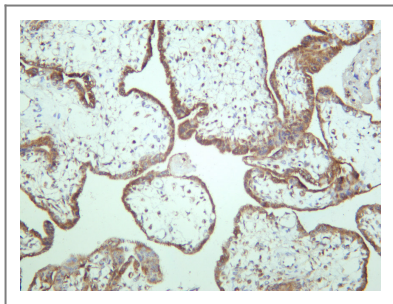
| Target Information

Gene name	YES1		
Protein Name	Proto-oncogene tyrosine-protein kinase Yes		
	Organism	Gene ID	UniProt ID
	Human	7525 ;	P07947 ;
	Mouse		Q04736 ;
Cellular Localization	Cell membrane. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytosol. Newly synthesized protein initially accumulates in the Golgi region and traffics to the plasma membrane through the exocytic pathway.		
Tissue specificity	Expressed in the epithelial cells of renal proximal tubules and stomach as well as hematopoietic cells in the bone marrow and spleen in the fetal tissues. In adult, expressed in epithelial cells of the renal proximal tubules and present in keratinocytes in the basal epidermal layer of epidermis.		
Function	Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,Function:Promotes infectivity of Neisseria gonorrhoeae in epithelial cells by phosphorylating MCP/CD46.,PTM:Autophosphorylated.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,similarity:Contains 1 SH3 domain.,subcellular location:In epithelial cells infected with Neisseria gonorrhoeae, forms aggregates beneath bacterial microcolonies.,		

| Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Yes1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: K562 Predicted band size: 61kDa Observed band size: 61kDa



Human placenta was stained with anti-Yes1 rabbit antibody

| Contact information

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