



c-Yes Monoclonal Antibody

Catalog No	BYab-30207
Isotype	IgG
Reactivity	Human
Applications	WB;ELISA
Gene Name	YES1
Protein Name	Proto-oncogene tyrosine-protein kinase Yes
Immunogen	Purified recombinant fragment of c-Yes (aa10-193) expressed in E. Coli.
Specificity	c-Yes Monoclonal Antibody detects endogenous levels of c-Yes protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	YES1; YES; Tyrosine-protein kinase Yes; Proto-oncogene c-Yes; p61-Yes
Observed Band	
Cell Pathway	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.,

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Background

This gene is the cellular homolog of the Yamaguchi sarcoma virus oncogene. The encoded protein has tyrosine kinase activity and belongs to the src family of proteins. This gene lies in close proximity to thymidylate synthase gene on chromosome 18, and a corresponding pseudogene has been found on chromosome 22. [provided by RefSeq, Jul 2008],

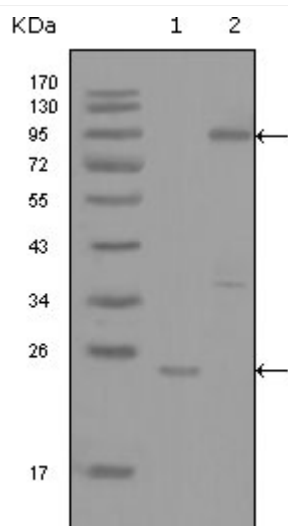
matters needing attention

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



Western Blot analysis using c-Yes Monoclonal Antibody against truncated YES1-His recombinant protein (1) and full-length GFP-YES1(aa1-543) transfected COS7 cell lysate (2).