Product Name: KD-Validated YES1 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb01151
For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 60.8kDa

Antigen Information

Gene Name	YES1
Alternative Names	YES1; YES Proto-Oncogene 1, Src Family Tyrosine Kinase; V-Yes-1 Yamaguchi Sarcoma Viral Oncogene Homolog 1; Tyrosine-Protein Kinase Yes; Proto-Oncogene C-Yes; EC 2.7.10.2 4; HsT441; C-Yes; Yes; YES; YES1 Proto-Oncogene, Src Family Tyrosine Kinase; Proto-Oncogene Tyrosine-Protein Kinase YES; Yamaguchi Sarcoma Oncogene; Cellular Yes-1 Protein; EC 2.7.10; P61-YES; P61-Yes; HST441; C-YES
Gene ID	7525.0
SwissProt ID	P07947
Immunogen	A synthesized peptide derived from human Yes1

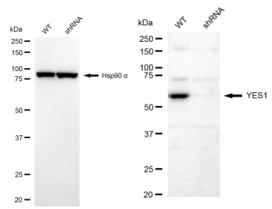
Background

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]

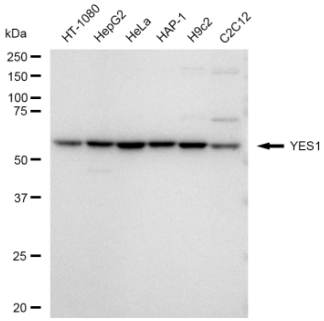
Research Area

Signal Transduction,Epigenetics and Nuclear Signaling,Cancer,Neuroscience

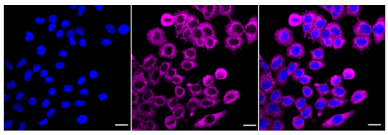
Image Data



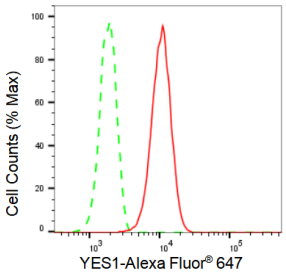
Western blotting analysis using YES1 antibody (KVAb01151). YES1 expression in wild type (WT) and YES1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with YES1 antibody (KVAb01151, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using YES1 antibody (KVAb01151). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with YES1 antibody (KVAb01151, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with YES1 antibody (KVAb01151, 1:1,000) . Nuclei were stained blue with DAPI; YES1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 µm.



Flow cytometric analysis of YES1 expression in HepG2 cells using YES1 antibody (KVAb01151, 1:2,000). Green, isotype control; red, YES1.