

For Research Use Only

YES1 Monoclonal antibody

Catalog Number: 67196-1-Ig **Featured Product**



Basic Information

Catalog Number: 67196-1-Ig	GenBank Accession Number: BC048960	Purification Method: Protein A purification
Size: 150ul , Concentration: 2700 ug/ml by Nanodrop and 1500 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7525	CloneNo.: 1A12E7
Source: Mouse	UNIPROT ID: P07947	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Isotype: IgG2a	Full Name: v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1	
Immunogen Catalog Number: AG5016	Calculated MW: 61 kDa	
	Observed MW: 62 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

Human, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : A549 cells, HepG2 cells, HeLa cells, LNCaP cells, A431 cells, HSC-T6 cells, PC-12 cells

IHC : human kidney tissue,

Background Information

YES1, also named as p61-Yes and YES, belongs to the protein kinase superfamily, Tyr protein kinase family and SRC subfamily. It promotes infectivity of Neisseria gonorrhoeae in epithelial cells by phosphorylating MCP/CD46. YES1 catalyzes the reaction: ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.

Storage

Storage:

Store at -20°C.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

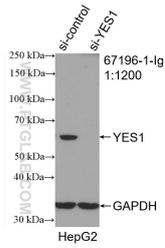
For technical support and original validation data for this product please contact:

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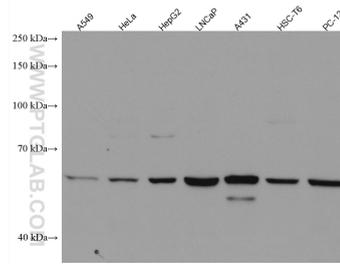
E: proteintech@ptglab.com
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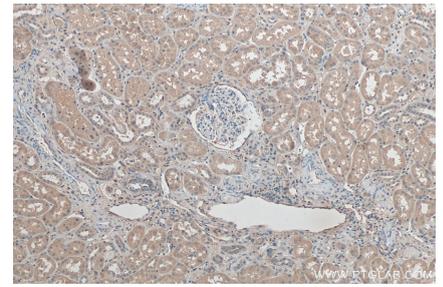
Selected Validation Data



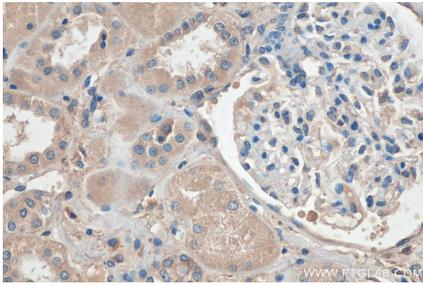
WB result of YES1 antibody (67196-1-Ig; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-YES1 transfected HepG2 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 67196-1-Ig (YES1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 67196-1-Ig (YES1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 67196-1-Ig (YES1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).