

For Research Use Only

STK3 Monoclonal antibody

Catalog Number: 66637-1-Ig

Featured Product

2 Publications



Basic Information

Catalog Number: 66637-1-Ig	GenBank Accession Number: BC010640	Purification Method: Protein A purification
Size: 150ul , Concentration: 1500 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6788	CloneNo.: 1C11A4
Source: Mouse	UNIPROT ID: Q13188	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:250-1:1000 IF/ICC 1:400-1:1600
Isotype: IgG2a	Full Name: serine/threonine kinase 3 (STE20 homolog, yeast)	
Immunogen Catalog Number: AG2741	Calculated MW: 491 aa, 56 kDa	
	Observed MW: 56-63 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Cited Applications:
WB, IF

Species Specificity:
human, mouse, rat

Cited Species:
human

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 : HeLa cells, HEK-293 cells, MCF-7 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, RAW 264.7 cells

IHC : mouse kidney tissue,

IF/ICC : NIH/3T3 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Ana Maria Rodrigues	39174858	Oncogene	WB,IF
Ana Paula Zen Petisco Fiore	36044955	Biochim Biophys Acta Gen Subj	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

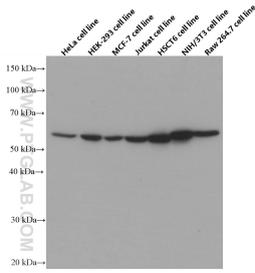
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

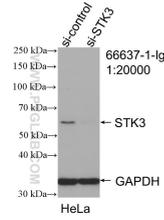
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

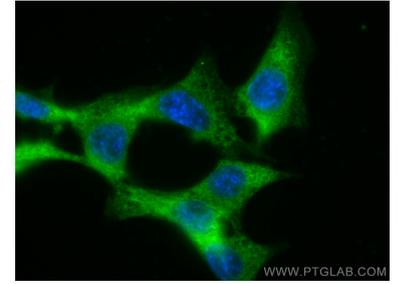
Selected Validation Data



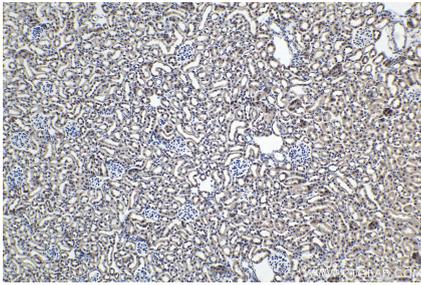
Various lysates were subjected to SDS PAGE followed by western blot with 66637-1-Ig (STK3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



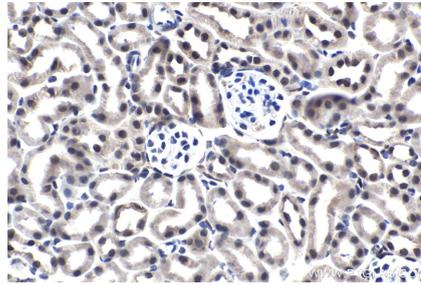
WB result of STK3 antibody (66637-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-STK3 transfected HeLa cells.



Immunofluorescent analysis of (-20°C Methanol) fixed NIH/3T3 cells using STK3 antibody (66637-1-Ig, Clone: 1C11A4) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 66637-1-Ig (STK3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 66637-1-Ig (STK3 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).