

For Research Use Only

STK3 Monoclonal antibody

Catalog Number: 66637-1-Ig

Featured Product

2 Publications



Basic Information

Catalog Number:

66637-1-Ig

Size:

150ul, Concentration: 1500 ug/ml by 6788
Nanodrop and 1000 ug/ml by Bradford
method using BSA as the standard;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG2741

GenBank Accession Number:

BC010640

GeneID (NCBI):

6788

UNIPROT ID:

Q13188

Full Name:

serine/threonine kinase 3 (STE20
homolog, yeast)

Calculated MW:

491 aa, 56 kDa

Observed MW:

56-63 kDa

Purification Method:

Protein A purification

CloneNo.:

1C11A4

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:250-1:1000

IF/ICC 1:400-1:1600

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

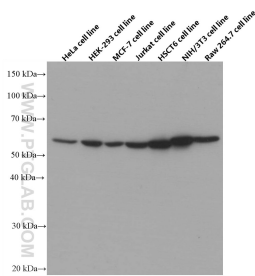
For technical support and original validation data for this product please contact:

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

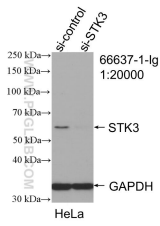
E: proteintech@ptglab.com
W: ptglab.com

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

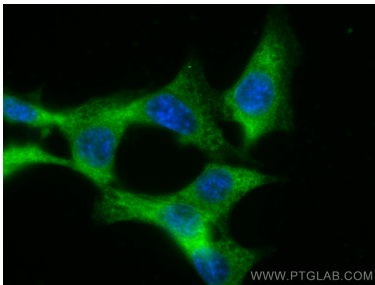
Selected Validation Data



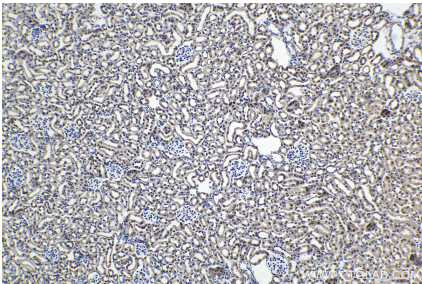
Various lysates were subjected to SDS PAGE followed by western blot with 66637-1-Ig (STK3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



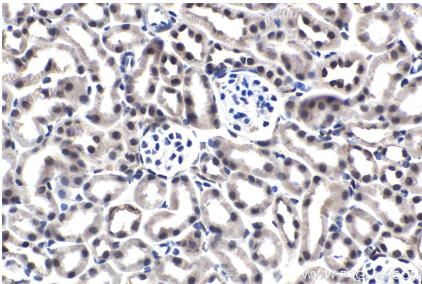
WB result of STK3 antibody (66637-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-STK3 transfected HeLa cells.



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).