

For Research Use Only

# TST Monoclonal antibody, PBS Only

Catalog Number: 66018-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

66018-1-PBS

**Size:**

100ug, Concentration: 1mg/ml by Nanodrop;

**Source:**

Mouse

**Isotype:**

IgG2a

**Immunogen Catalog Number:**

AG9235

**GenBank Accession Number:**

BC010148

**GeneID (NCBI):**

7263

**UNIPROT ID:**

Q16762

**Full Name:**

thiosulfate sulfurtransferase (rhodanese)

**Calculated MW:**

297 aa, 33 kDa

**Observed MW:**

33 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

2A6C5

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

Thiosulfate sulfurtransferase (TST), also known as rhodanese, is a mitochondrial enzyme involved in cyanide detoxification and the formation of iron-sulfur proteins and the modification of sulfur-containing enzymes.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

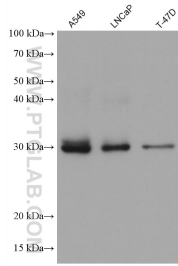
For technical support and original validation data for this product please contact:

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

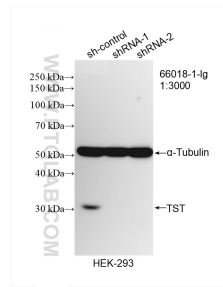
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

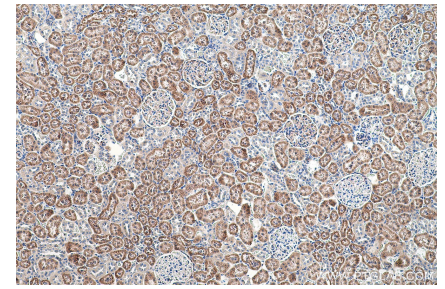
## Selected Validation Data



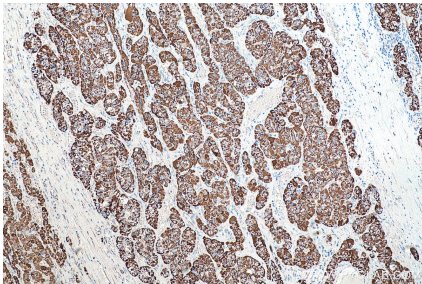
Various lysates were subjected to SDS PAGE followed by western blot with 66018-1-Ig (TST antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66018-1-PBS in a different storage buffer formulation.



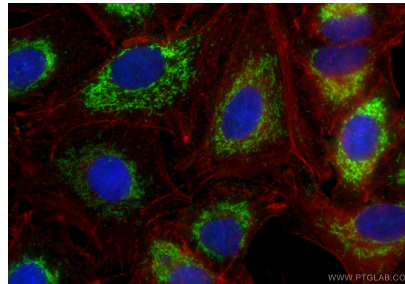
WB result of TST antibody (66018-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TST transfected HEK-293 cells. This data was developed using the same antibody clone with 66018-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 66018-1-Ig (TST antibody) at dilution of 1:16000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66018-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66018-1-Ig (TST antibody) at dilution of 1:16000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66018-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using TST antibody (66018-1-Ig, Clone: 2A6C5) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-phalloidin (red). This data was developed using the same antibody clone with 66018-1-PBS in a different storage buffer formulation.