

For Research Use Only

SGTA Monoclonal antibody

Catalog Number: 60305-1-Ig



Basic Information

| | | |
|--|--|---|
| Catalog Number: 60305-1-Ig | GenBank Accession Number: BC008885 | Purification Method: Protein A purification |
| Size: 150ul , Concentration: 2400 µg/ml by Nanodrop and 2027 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 6449 | CloneNo.: 3B10B11 |
| Source: Mouse | Full Name: small glutamine-rich tetratricopeptide repeat (TPR)-containing, alpha | Recommended Dilutions: WB 1:5000-1:50000 IHC 1:20-1:200 IF 1:20-1:200 |
| Isotype: IgG2b | Calculated MW: 34 kDa | |
| Immunogen Catalog Number: AG1475 | Observed MW: 34-37 kDa | |

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

human, mouse, 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 : LNCaP cells, fetal human brain tissue, NIH/3T3 cells, Neuro-2a cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells

IHC : human liver cancer tissue,

IF : HeLa cells,

Background Information

Small glutamine-rich tetratricopeptide repeat-containing protein alpha (SGTA) is a steroid receptor molecular co-chaperone critical in a range of biological processes, including viral infection, cell division, mitosis, and cell cycle checkpoint activation. Overexpression of SGTA has been found in various cancers, including prostate/ovary/testis/liver/lung cancer.

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

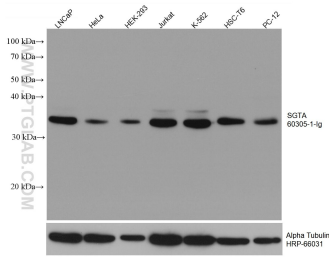
For technical support and original validation data for this product please contact:

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

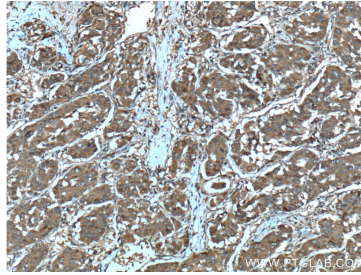
E: proteintech@ptglab.com
W: ptglab.com

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

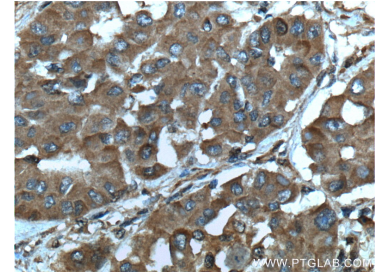
Selected Validation Data



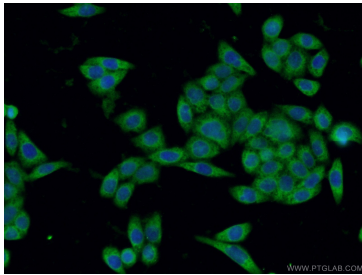
Various lysates were subjected to SDS PAGE followed by western blot with 60305-1-Ig (SGTA antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60305-1-Ig (SGTA Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 60305-1-Ig (SGTA Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 60305-1-Ig (SGTA antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).