

For Research Use Only

CoraLite® Plus 488-conjugated TSG101 Monoclonal antibody

Catalog Number: CL488-67381

1 Publications



Basic Information

Catalog Number:

CL488-67381

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28569

GenBank Accession Number:

BC002487

GeneID (NCBI):

7251

UNIPROT ID:

Q99816

Full Name:

tumor susceptibility gene 101

Calculated MW:

44 kDa

Observed MW:

43-46 kDa

Purification Method:

Protein G purification

CloneNo.:

2B7G8

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF-P, FC (Intra)

Cited Applications:

FC

Species Specificity:

human, mouse, rat

Cited Species:

goat

Positive Controls:

IF-P : human colon cancer tissue,

Background Information

TSG101(Tumor susceptibility gene 101 protein) is essential for endosomal sorting, membrane receptor degradation and the final stages of cytokinesis. It plays a crucial role for cell proliferation and cell survival. TSG101 has been identified as a candidate tumor suppressor gene and belongs to the ubiquitin-conjugating enzyme family. TSG101 is a marker for exosome. This protein has 2 isoforms produced by alternative splicing with the molecular mass of 44 and 32 kDa.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------|-----------|---|-------------|
| Erhan Hai | 39546929 | Comp Biochem Physiol Part D Genomics Proteomics | FC |

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

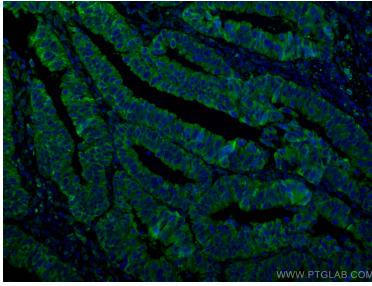
T: 4006900926

E: Proteintech-CN@ptglab.com

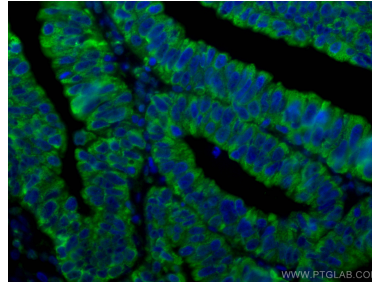
W: ptgcn.com

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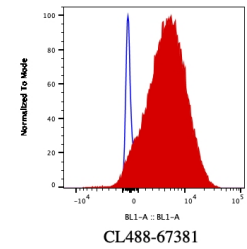
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using CoraLite® Plus 488-conjugated TSG101 antibody (CL488-67381, Clone: 2B7G8) at dilution of 1:200.



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1X10⁶ THP-1 cells were stained with 0.2 ug CoraLite® Plus 488 Anti-Human TSG101 (CL488-67381, Clone: 2B7G8) (red), or 0.2 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).