

For Research Use Only

CoraLite®594-conjugated TSG101 Monoclonal antibody



Catalog Number:CL594-67381

Basic Information

| | | |
|---------------------------------------------|----------------------------------------------------|-----------------------------------------------------------------------|
| Catalog Number: CL594-67381 | GenBank Accession Number: BC002487 | Purification Method: Protein G purification |
| Size: 1000 µg/ml | GeneID (NCBI): 7251 | CloneNo.: 2B7G8 |
| Source: Mouse | UNIPROT ID: Q99816 | Recommended Dilutions: IF 1:50-1:500 |
| Isotype: IgG1 | Full Name: tumor susceptibility gene 101 | Excitation/Emission maxima wavelengths: 588 nm / 604 nm |
| Immunogen Catalog Number: AG28569 | Calculated MW: 44 kDa | |
| | Observed MW: 43-46 kDa | |

Applications

| | |
|--------------------------------------------------|-----------------------------------------------|
| Tested Applications: IF/ICC | Positive Controls: IF : HeLa cells, |
| Species Specificity: Human, Mouse, Rat | |

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.

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:

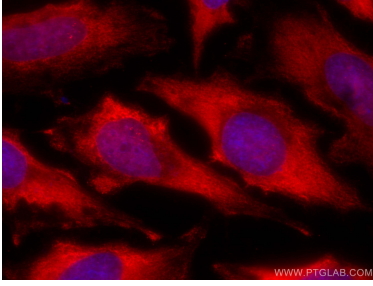
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite@594 TSG101 antibody (CL594-67381, Clone: 2B7G8) at dilution of 1:200.