

For Research Use Only

CoraLite® Plus 647-conjugated TSG101 Monoclonal antibody

Catalog Number:CL647-67381



Basic Information

Catalog Number:

CL647-67381

Size:

100ul , Concentration: 1000 µg/ml by
Nanodrop;

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:

FC (Intra): 0.20 ug per 10⁶ cells in a
100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

FC (Intra) : HeLa cells,

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, pH7.3

Aliquoting is unnecessary for -20°C storage

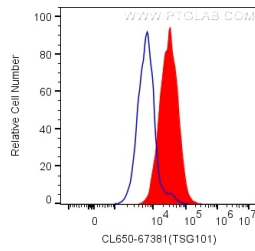
For technical support and original validation data for this product please contact:

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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



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human TSG101 (CL647-67381, Clone:2B7G8) (red), or 0.2 ug isotype control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).