

# CoraLite®594-conjugated TSG101 Monoclonal antibody

Catalog Number: **CL594-67381**

## Basic Information

**Catalog Number:**

CL594-67381

**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/ICC 1:50-1:500

**Excitation/Emission maxima  
wavelengths:**

588 nm / 604 nm

## Applications

**Tested Applications:**

IF/ICC

**Species Specificity:**

Human, Mouse, Rat

**Positive Controls:**

IF/ICC : 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:**

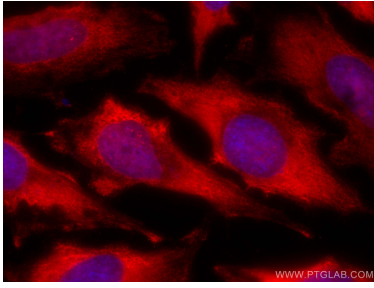
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

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

Aliquoting is unnecessary for -20°C storage

## 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.