

### TSG101 Rabbit mAb

**Catalog # AP76209** 

# **Specification**

#### TSG101 Rabbit mAb - Product Information

Application WB, IP
Primary Accession Q99816
Reactivity Human
Host Rabbit

Clonality Monoclonal Antibody

Calculated MW 43944

#### TSG101 Rabbit mAb - Additional Information

**Gene ID 7251** 

Other Names TSG101

**Dilution**WB~~1/500-1/1000
IP~~N/A

#### **Format**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## **TSG101 Rabbit mAb - Protein Information**

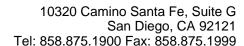
### Name TSG101

#### **Function**

Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Binds to ubiquitinated cargo proteins and is required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies (MVBs). Mediates the association between the ESCRT-0 and ESCRT-I complex. Required for completion of cytokinesis; the function requires CEP55. May be involved in cell growth and differentiation. Acts as a negative growth regulator. Involved in the budding of many viruses through an interaction with viral proteins that contain a late-budding motif P-[ST]-A-P. This interaction is essential for viral particle budding of numerous retroviruses. Required for the exosomal release of SDCBP, CD63 and syndecan (PubMed:<a href="http://www.uniprot.org/citations/22660413" target="\_blank">22660413</a>). It may also play a role in the extracellular release of microvesicles that differ from the exosomes (PubMed:<a href="http://www.uniprot.org/citations/22315426" target="\_blank">22315426</a>).

#### **Cellular Location**

Cytoplasm. Early endosome membrane; Peripheral membrane protein; Cytoplasmic side. Late





endosome membrane; Peripheral membrane protein. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Midbody, Midbody ring. Nucleus. Note=Mainly cytoplasmic. Membrane- associated when active and soluble when inactive. Nuclear localization is cell cycle-dependent. Interaction with CEP55 is required for localization to the midbody during cytokinesis

### **Tissue Location**

Heart, brain, placenta, lung, liver, skeletal, kidney and pancreas

### TSG101 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## TSG101 Rabbit mAb - Images

