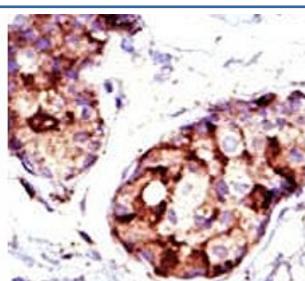


TSG101 Antibody (F47989)

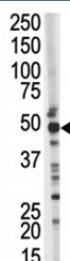
| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F47989-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F47989-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

Bulk quote request

| | |
|--------------------|--|
| Availability | 1-3 business days |
| Species Reactivity | Human, Mouse |
| Format | Purified |
| Host | Rabbit |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Purified |
| UniProt | Q99816 |
| Localization | Cytoplasmic |
| Applications | Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 |
| Limitations | This TSG101 antibody is available for research use only. |



IHC analysis of FFPE human breast carcinoma tissue stained with the TSG101 antibody.



Western blot testing of TSG101 antibody and mouse kidney tissue lysate. Predicted molecular weight ~45 kDa.

Description

TSG101 is a 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. [UniProt]

Application Notes

Titration of the TSG101 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for this TSG101 antibody.

Storage

Aliquot the TSG101 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.