

DATASHEET

TSG101 Mouse Monoclonal Antibody(C3980)

CAT. NO. AMA03592

KEY FEATURES

| | | | |
|---------------|--|---------------|--------------|
| Target | TSG101 | Source / Host | Mouse |
| Reactivity | Human | Clonality | Monoclonal |
| Applications | WB | Conjugation | Unconjugated |
| Form / Buffer | Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide. | Storage | at-20°C |

BACKGROUND

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 . Mediates the association between the ESCRT-0 and ESCRT-I complex.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|----|----------------|
| WB | 1:500 - 1:1000 |
|----|----------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

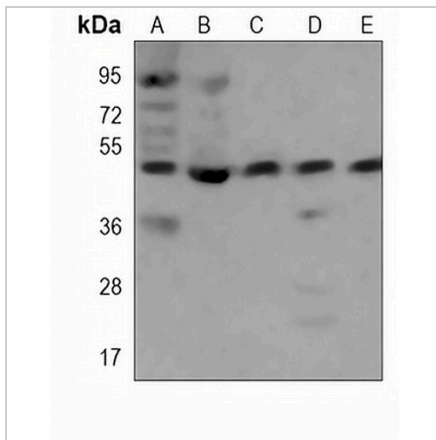
| | |
|-------------------|--|
| Description | Mouse monoclonal antibody to TSG101 |
| Specificity | Recognizes endogenous levels of TSG101 protein. |
| Antibody Type | Primary antibody |
| Immunogen | Recombinant fusion protein of human TSG101. The exact sequence is proprietary. |
| Purification | This antibody is purified through a protein G column. |
| Molecular Weight | Predicted: 43 kD; Observed: 44 kD |
| Form/Buffer | Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | Tumor susceptibility gene 101 protein; ESCRT-I complex subunit TSG101 |
| Gene Symbol | TSG101 |
| Entrez Gene | 7251(Human) |
| SwissProt | Q99816(Human) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of TSG101 expression in human brain (A), K562 (B), Jurkat (C), HepG2 (D), A431 (E) whole cell lysates. (Predicted band size: 43 kD; Observed band size: 44 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.