bsm-51699M **[Primary Antibody]**

TSG101 Mouse mAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

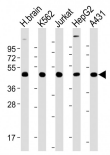
DATASHEET

Host: Mouse
Isotype: IgG1, k
Clonality: Monoclonal
CloneNo.: G6F4
GeneID: 7251
SWISS: Q99816
Target: TSG101
Purification: affinity purified by Protein G
Concentration: 1mg/ml
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene belongs to a group of apparently inactive homologs of ubiquitin-conjugating enzymes. The gene product contains a coiled-coil domain that interacts with stathmin, a cytosolic phosphoprotein implicated in tumorigenesis. The protein may play a role in cell growth and differentiation and act as a negative growth regulator. In vitro steady-state expression of this tumor susceptibility gene appears to be important for maintenance of genomic stability and cell cycle regulation. Mutations and alternative splicing in this gene occur in high frequency in breast cancer and suggest that defects occur during breast cancer tumorigenesis and/or progression. [provided by RefSeq, Jul 2008]

Applications: **WB** (1:500-2000)
Reactivity: Human
Predicted MW.: 44 kDa
Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: Lane 1: Human brain tissue lysates Lane 2: K562 cell lysates Lane 3: Jurkat cell lysates Lane 4: HepG2 cell lysates Lane 5: A431 cell lysates Primary: Anti-TSG101 (bsm-51699M) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 44 kD Observed band size: 47 kD

SELECTED CITATIONS

- **[IF=9.5]** Junhee Han. et al. Nanoplasmonic Detection of EGFR Mutations Based on Extracellular Vesicle-Derived EGFR–Drug Interaction. ACS APPL MATER INTER. 2024;XXXX(XXX):XXX-XXX WB ;Human. 38335730