

TSG101 Monoclonal Antibody

Description

| | |
|--------------------------------|---|
| Product type | Antibody |
| Code | BT-MCA2048 |
| Host | Mouse |
| Isotype | Mouse IgG1 |
| Size | 100µL, 50µL |
| Immunogen | Purified recombinant fragment of human TSG101 (AA: 167-374) expressed in E. Coli. |
| Mol wt | 44kDa |
| Species reactivity | Others |
| Clonality | Monoclonal |
| Recommended application | FCM |
| Concentration | N/A |
| Full name | N/A |
| Synonyms | TSG10;VPS23 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

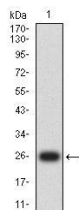
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

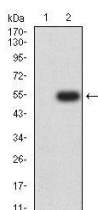
ELISA: 1:10000

Not yet tested in other applications.

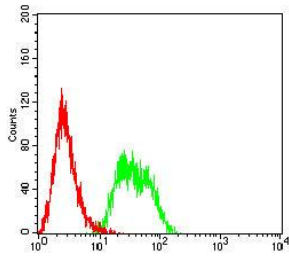
Images



Western blot analysis using TSG101 mAb against human TSG101 (AA: 167-374) recombinant protein. (Expected MW is 26.3 kDa)



Western blot analysis using TSG101 mAb against HEK293-6e (1) and human TSG101 (AA: 167-374)-hIgGFc transfected HEK293-6e (2) cell lysate.



Flow cytometric analysis of THP-1 cells using TSG101 mouse mAb (green) and negative control (red).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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