

A5789

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## TSG101/VPS23 Rabbit mAb

Catalog No.: A5789

Recombinant

8 Publications

### Basic Information

#### Observed MW

46kDa

#### Calculated MW

44kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Rat

#### CloneNo number

ARC0853

### 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 Dilutions

WB 1:500 - 1:1000

### Immunogen Information

#### Gene ID

7251

#### Swiss Prot

Q99816

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TSG101/VPS23 (Q99816).

#### Synonyms

TSG10; VPS23

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

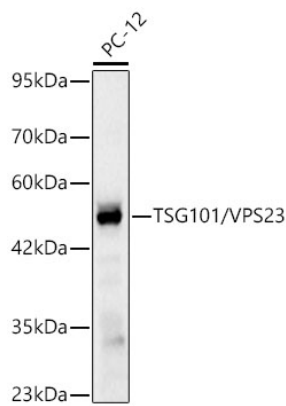
Affinity purification

#### Storage

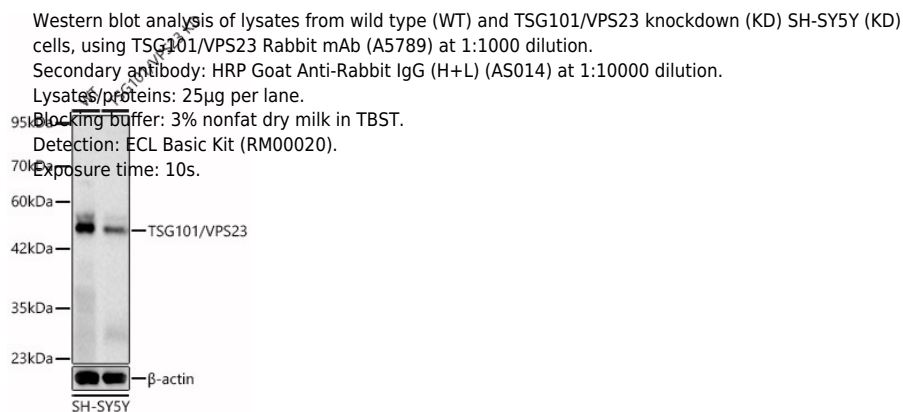
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

## Validation Data



Western blot analysis of lysates from PC-12 cells using TSG101/VPS23 Rabbit mAb (A5789) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



Western blot analysis of lysates from wild type (WT) and TSG101/VPS23 knockdown (KD) SH-SY5Y (KD) cells, using TSG101/VPS23 Rabbit mAb (A5789) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.