

## TSG-6 (V37) polyclonal antibody

Catalog: BS2655

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

TSG6 is a secretory protein that contains a hyaluronan-binding domain, and thus is a member of the hyaluronan-binding protein family. The hyaluronan-binding domain is involved in extracellular matrix stability and cell migration. This protein forms a stable complex with inter-alpha-inhibitor (I alpha I), and thus enhances the serine protease inhibitory activity of I alpha I, which is important in the protease network associated with inflammation. The expression of this gene can be induced by tumor necrosis factor alpha and interleukin-1. The expression can also be induced by mechanical stimuli in vascular smooth muscle cells, and is correlated with proteoglycan synthesis and aggregation.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

### Molecular Weight:

~32 kDa

### Swiss-Prot:

P98066

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

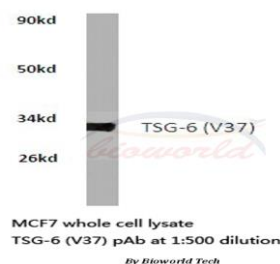
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

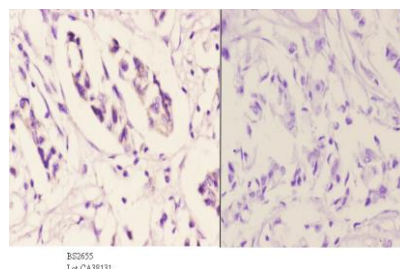
### Specificity:

TSG-6 (V37) polyclonal antibody detects endogenous levels of TSG-6 protein.

### DATA:



Western blot (WB) analysis of TSG-6 (V37) polyclonal antibody in extracts from MCF7 cells.



Immunohistochemistry (IHC) analyzes of TSG-6 (V37) pAb in paraffin-embedded human breast carcinoma tissue at 1:50. showing cytoplasmic staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

### Note:

For research use only, not for use in diagnostic procedure.

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