

For Research Use Only

TSG101 Recombinant antibody, PBS Only

Catalog Number: 84334-4-PBS



Basic Information

Catalog Number:

84334-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28569

GenBank Accession Number:

BC002487

GeneID (NCBI):

7251

UNIPROT ID:

Q99816

Full Name:

tumor susceptibility gene 101

Calculated MW:

44 kDa

Observed MW:

44 kDa

Purification Method:

Protein A purification

CloneNo.:

241657A1

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

TSG101(Tumor susceptibility gene 101 protein) is essential for endosomal sorting, membrane receptor degradation and the final stages of cytokinesis. It plays a crucial role for cell proliferation and cell survival. TSG101 has been identified as a candidate tumor suppressor gene and belongs to the ubiquitin-conjugating enzyme family. TSG101 is a marker for exosome. This protein has 2 isoforms produced by alternative splicing with the molecular mass of 44 and 32 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

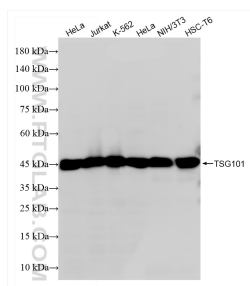
T: 4006900926

E: Proteintech-CN@ptglab.com

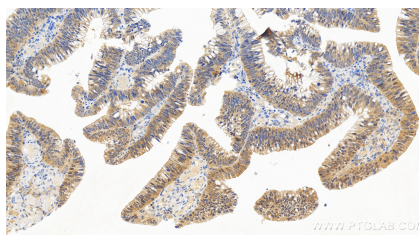
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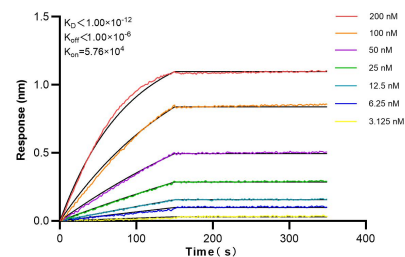
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84334-4-RR (TSG101 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84334-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 84334-4-RR (TSG101 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84334-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84334-4-RR against Human TSG101 were performed. The affinity constant is below 1 pM.