

For Research Use Only

# TSG101 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84334-3-PBS



## Basic Information

Catalog Number:

84334-3-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

Purification Method:

Protein A purification

CloneNo.:

241657F4

## Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

## Background Information

### 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:

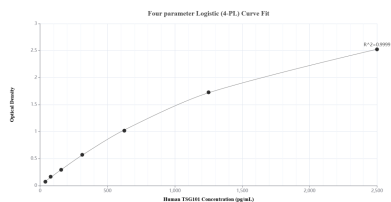
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

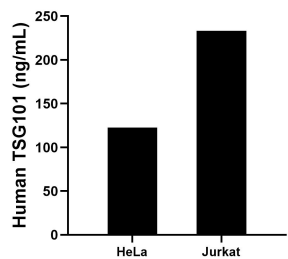
W: [ptgcn.com](http://ptgcn.com)

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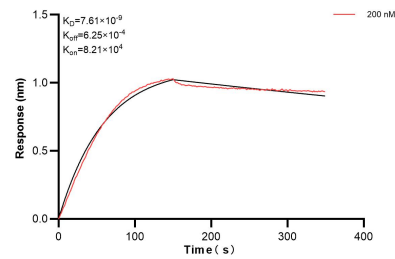
## Selected Validation Data



Sandwich ELISA standard curve of MP01221-2, Human TSG101 Recombinant Matched Antibody Pair - PBS only. 84334-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag28569. 84334-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



The mean TSG101 concentration was determined to be 122.7 ng/mL in HeLa cell extract based on a 1.5 mg/mL extract load and 233.2 ng/mL in Jurkat cell extract based on a 1.5 mg/mL extract load.



Biolayer interferometry (BLI) kinetic assay of 84334-3-PBS against Human TSG101 was performed. The affinity constant is 7.61 nM.