

For Research Use Only

# TSG-6 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83163-4-PBS



## Basic Information

Catalog Number:

83163-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3885

GenBank Accession Number:

BC030205

GeneID (NCBI):

7130

UNIPROT ID:

P98066

Full Name:

tumor necrosis factor, alpha-induced protein 6

Calculated MW:

277 aa, 31 kDa

Observed MW:

39-45 kDa

Purification Method:

Protein A purification

CloneNo.:

230438D5

## Applications

Tested Applications:

WB, FC (Intra), Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human, mouse

## 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:

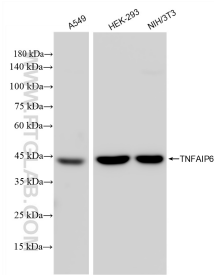
T: 4006900926

E: Proteintech-CN@ptglab.com

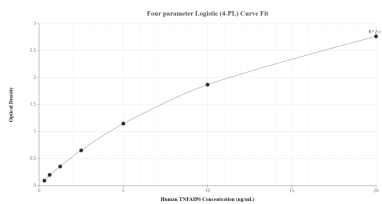
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

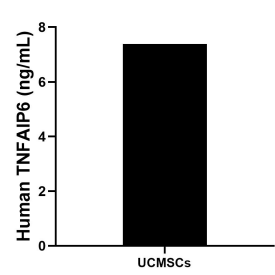
Selected Validation Data



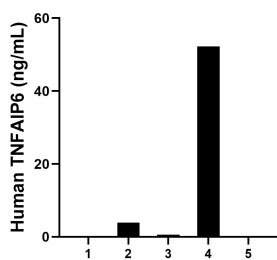
Various lysates were subjected to SDS PAGE followed by western blot with 83163-4-RR (TNFAIP6 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83163-4-PBS in a different storage buffer formulation.



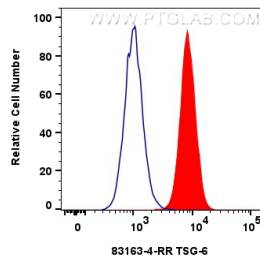
Sandwich ELISA standard curve of MP00218-3, Human TSG-6 Recombinant Matched Antibody Pair - PBS only. 83163-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3885. 83163-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



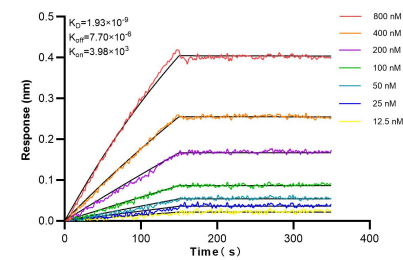
The mean TSG-6 concentration was determined to be 7.39 ng/mL in UCMSCs cell extract based on a 3.0 mg/mL extract load.



Serum of five individual healthy human donors was measured. The TSG-6 concentration of detected samples was determined to be 11.38 ng/mL with a range of 0.03-52.26 ng/mL



1x10<sup>6</sup> A549 cells were intracellularly stained with 0.25 ug TSG-6 Recombinant antibody (83163-4-RR, Clone:230438D5) and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83163-4-PBS in a



Biolayer interferometry (BLI) kinetic assays of 83163-4-RR against Human TSG-6 were performed. The affinity constant is 1.93 nM.