

For Research Use Only

# TMEM53 Recombinant antibody, PBS Only



Catalog Number: 83554-3-PBS

## Basic Information

Catalog Number:

83554-3-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21321

GenBank Accession Number:

BC064520

GeneID (NCBI):

79639

UNIPROT ID:

Q6P2H8

Full Name:

transmembrane protein 53

Calculated MW:

277 aa, 32 kDa

Purification Method:

Protein A purification

CloneNo.:

240511C3

## Applications

Tested Applications:

IF/ICC, FC (Intra), ELISA

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:

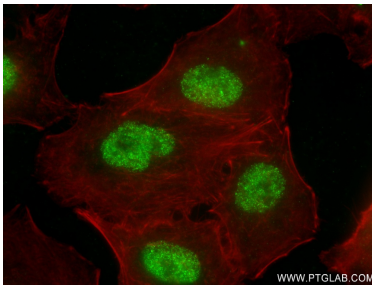
T: 4006900926

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

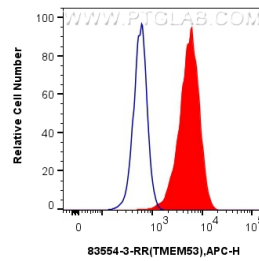
W: [ptgcn.com](http://ptgcn.com)

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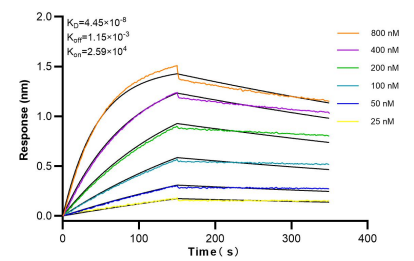
## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A549 cells using TMEM53 antibody (83554-3-RR, Clone: 240511C3 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 83554-3-PBS in a different storage buffer formulation.



$1 \times 10^6$  A549 cells were intracellularly stained with 0.25  $\mu$ g TMEM53 Recombinant antibody (83554-3-RR, Clone:240511C3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 83554-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83554-3-RR against Human TMEM53 were performed. The affinity constant is 44.5 nM.