

For Research Use Only

# Anti-Human Tissue Factor/CD142 Rabbit Recombinant Antibody

Catalog Number: 98104-1-RR



## Basic Information

Catalog Number:

98104-1-RR

Concentration:

100ug, 1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1052

GenBank Accession Number:

NM\_001993.5

GeneID (NCBI):

2152

UNIPROT ID:

P13726-1

Full Name:

coagulation factor III (thromboplastin,  
tissue factor)

Calculated MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

240784E2

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl  
suspension

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : LPS treated human PBMCs,

## Background Information

Normal blood coagulation is a complex process, involving a cascade of activation of different plasma proteins, ultimately resulting in the formation of a clot, called fibrin. Tissue Factor (TF), also named CD142, coagulation factor III or F3, is the primary initiator of the blood coagulation cascade and plays an essential role in hemostasis (PMID: 26877187; PMID: 33796108).

## Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

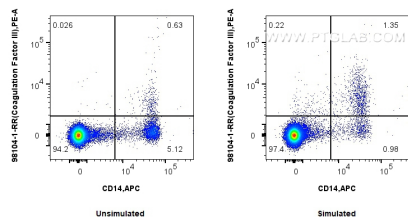
T: 4006900926

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

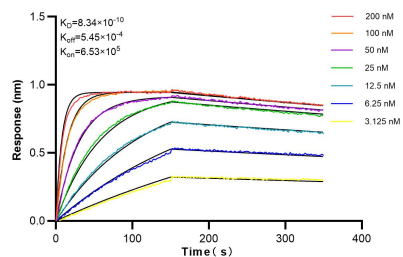
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## Selected Validation Data



1x10<sup>6</sup> untreated or LPS-treated human PBMCs were surface stained with 0.25 ug Anti-Human Tissue Factor/CD142 Rabbit RecAb (98104-1-RR, Clone: 240784E2) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98104-1-RR against Human Tissue Factor/CD142 were performed. The affinity constant is 0.834 nM.