

For Research Use Only

# FcZero-rAb® CoraLite® Plus 647 Anti-Human Tissue Factor/CD142 Rabbit Recombinant Antibody

Catalog Number: CL647-FcA98104



## Basic Information

Catalog Number:

CL647-FcA98104

Size:

100tests , 5 ul/test

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: 5 ul per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

## 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

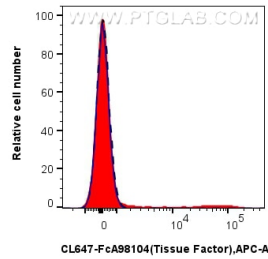
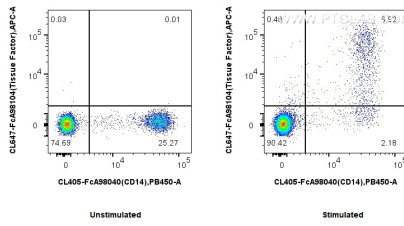
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



$1 \times 10^6$  untreated or LPS-treated human PBMCs were surface stained with FcZero-rAb® CoraLite® Plus 405 Anti-Human CD14 and 5 ul CoraLite® Plus 647 Anti-Human Tissue Factor/CD142 Rabbit RecAb (CL647-FcA98104, Clone: 240784E2). Cells were not fixed.

$1 \times 10^6$  LPS treated human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human Tissue Factor/CD142 Rabbit RecAb (CL647-FcA98104, Clone: 240784E2) (red) or FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9) (blue).  $1 \times 10^6$  untreated human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human Tissue Factor/CD142 Rabbit RecAb (CL647-

