

For Research Use Only

# FcZero-rAb® CoraLite® Plus 488 Anti-Mouse Tissue Factor/CD142 Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98114



## Basic Information

Catalog Number:

CL488-FcA98114

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1102

GenBank Accession Number:

GeneID (NCBI):

14066

UNIPROT ID:

P20352

Full Name:

coagulation factor III

Calculated MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

240875G1

Recommended Dilutions:

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

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : LPS treated RAW 264.7 cells,

## 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, pH7.3

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

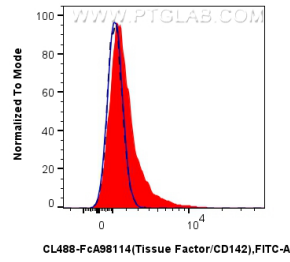
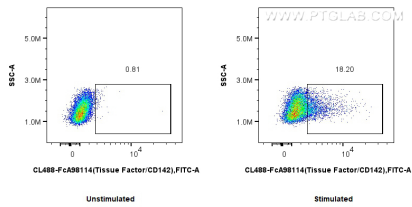
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## Selected Validation Data



$1 \times 10^6$  untreated or LPS-treated RAW 264.7 cells were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Mouse Tissue Factor/CD142 Rabbit RecAb (CL488-FcA98114, Clone: 240875G1). Cells were not fixed.

$1 \times 10^6$  LPS-treated RAW 264.7 cells were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Mouse Tissue Factor/CD142 Rabbit RecAb (CL488-FcA98114, Clone: 240875G1) (red) or 0.25 ug FcZero-rAb™ CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue).  $1 \times 10^6$  untreated RAW 264.7 cells were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Mouse Tissue Factor/CD142 Rabbit RecAb (CL488-FcA98114, Clone:

