

For Research Use Only



CoraLite®594 Anti-Mouse Tissue Factor/CD142 Rabbit Recombinant Antibody

Catalog Number: **CL594-98114**

Basic Information

Catalog Number:

CL594-98114

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 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

588 nm / 604 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:

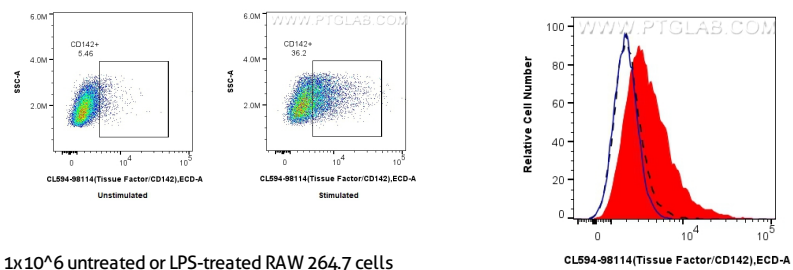
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or LPS-treated RAW 264.7 cells were surface stained with 0.25 ug CoraLite®594 Anti-Mouse Tissue Factor/CD142 Rabbit RecAb (CL594-98114, Clone: 240875G1). Cells were not fixed.

1x10⁶ LPS-treated RAW 264.7 cells were surface stained with 0.25 ug CoraLite®594 Anti-Mouse Tissue Factor/CD142 Rabbit RecAb (CL594-98114, Clone: 240875G1) (red) or CoraLite®594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-98136, Clone: 240953C9) (blue). 1x10⁶ untreated treated RAW 264.7 cells were surface stained with 0.25 ug CoraLite®594 Anti-Mouse Tissue Factor/CD142 Rabbit RecAb (CL594-98114, Clone: 240875G1) (black, dashed). Cells were