

For Research Use Only

Anti-Mouse Tissue Factor/CD142 Rabbit Recombinant Antibody

Catalog Number: 98114-1-RR



Basic Information

Catalog Number:

98114-1-RR

Size:

100ug , 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

14066

UNIPROT ID:

P20352

Full Name:

coagulation factor III

Calculated MW:

33kDa

Purification Method:

Protein A purification

CloneNo.:

240875G1

Applications

Tested Applications:

FC

Species Specificity:

mouse

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, pH 7.3.

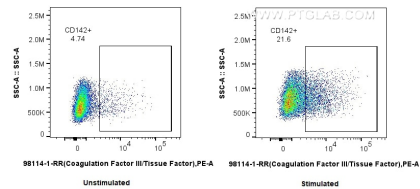
For technical support and original validation data for this product please contact:

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

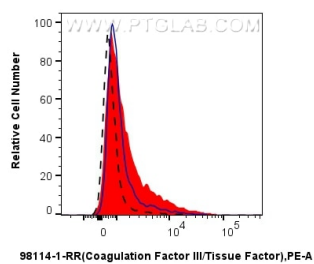
E: proteintech@ptglab.com
W: ptglab.com

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

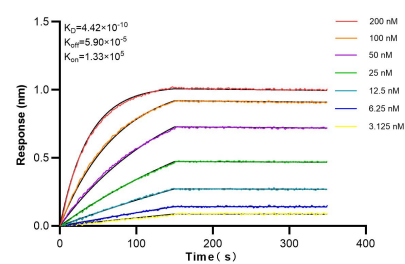
Selected Validation Data



1x10⁶ untreated or LPS-treated RAW 264.7 cells were surface stained with 0.25 ug Anti-Mouse Tissue Factor/CD142 Rabbit Recombinant Antibody (98114-1-RR, Clone: 240875G1) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



1x10⁶ LPS-treated RAW 264.7 cells were surface stained with 0.25 ug Anti-Mouse Tissue Factor/CD142 Rabbit Recombinant Antibody (98114-1-RR, Clone: 240875G1) (red) or Isotype Control (blue) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). 1x10⁶ untreated RAW 264.7 cells were surface stained with 0.25 ug Anti-Mouse Tissue Factor/CD142 Rabbit Recombinant Antibody (98114-1-RR, Clone: 240875G1) (black, dashed) and PE-Conjugated AffiniPure Goat



Biolayer interferometry (BLI) kinetic assays of 98114-1-RR against Mouse Tissue Factor/CD142 were performed. The affinity constant is 0.442 nM.