

For Research Use Only

# Anti-Human Tissue Factor/CD142 Rabbit Recombinant Antibody

Catalog Number: 98104-1-RR



## Basic Information

<b>Catalog Number:</b> 98104-1-RR	<b>GenBank Accession Number:</b> NM_001993.5	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , 1000 µg/ml	<b>GeneID (NCBI):</b> 2152	<b>CloneNo.:</b> 240784E2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P13726-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> coagulation factor III (thromboplastin, tissue factor)	
	<b>Calculated MW:</b> 33 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
human

## 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.

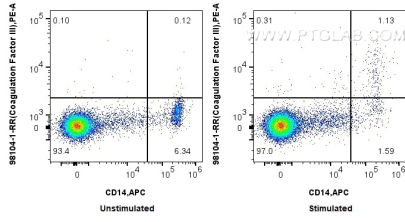
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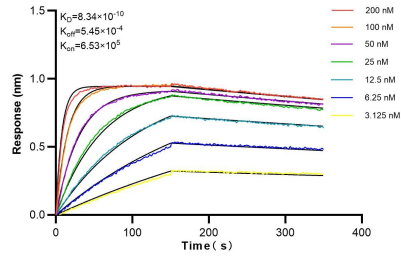
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## Selected Validation Data



1x10<sup>6</sup> untreated or LPS-treated human PBMCs were surface stained with 0.25 ug Anti-Human Coagulation Factor III/Tissue Factor Rabbit Recombinant Antibody (98104-1-RR, Clone:240784E2) and PE-conjugated Goat Anti-Rabbit IgG. 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.