

For Research Use Only

# Mouse Coagulation Factor III/Tissue Factor Recombinant antibody, PBS Only (Capture)

Catalog Number: 83887-1-PBS



## Basic Information

Catalog Number:

83887-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1102

GenBank Accession Number:

GeneID (NCBI):

14066

UNIPROT ID:

P20352

Full Name:

coagulation factor III

Calculated MW:

33kDa

Purification Method:

Protein A purification

CloneNo.:

240875A2

## Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

mouse

## Product Information

83887-1-PBS targets Coagulation Factor III/Tissue Factor as part of a matched antibody pair:

MP00859-1: 83887-1-PBS capture and 83887-4-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

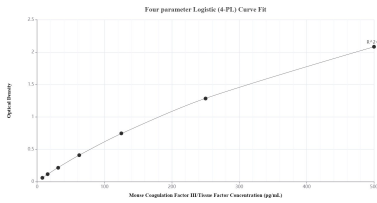
For technical support and original validation data for this product please contact:

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.**

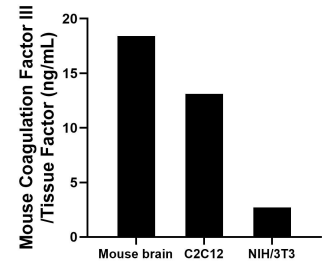
## Selected Validation Data



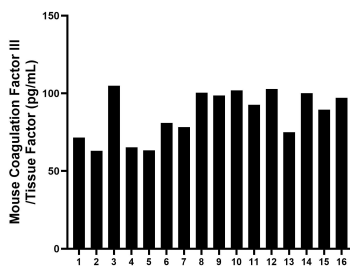
Sandwich ELISA standard curve of MP00859-1, Mouse Tissue Factor Recombinant Matched Antibody Pair - PBS only. 83887-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1102. 83887-4-PBS was HRP conjugated as the detection antibody. Range: 7.8-500 pg/mL



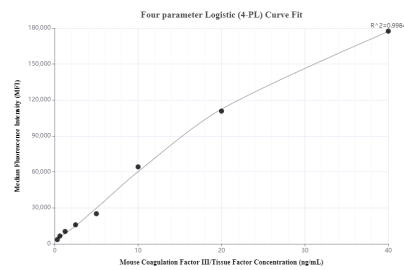
Urine of mice was measured. The Tissue Factor concentration of detected samples was determined to be 244.1 pg/mL



The mean Tissue Factor concentration was determined to be 18.4 ng/mL in mouse brain tissue extract based on a 6.0 mg/mL extract load, 13.1 ng/mL in C2C12 cell extract based on a 3.6 mg/mL extract load and 2.7 ng/mL in NIH/3T3 cell extract based on a 10.6 mg/mL extract load.



Serum of sixteen mice was measured. The Tissue Factor concentration of detected samples was determined to be 86.6 pg/mL with a range of 63.0-105.0 pg/mL



Cytometric bead array standard curve of MP00859-1, MOUSE Tissue Factor Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83887-1-PBS. Detection antibody: 83887-4-PBS. Standard: Eg1102. Range: 0.313-40 ng/mL