

For Research Use Only

Coagulation Factor III/Tissue Factor Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00732-1

Capture Antibody Information

Catalog Number:
83776-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240784B8
Reactivity:
human

Conjugate:
Unconjugated
Full name:
coagulation factor III (thromboplastin,
tissue factor)
Gene ID:
2152

Detection Antibody Information

Catalog Number:
83776-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240784E5
Reactivity:
human
GenBank:
NM_001993.5

Conjugate:
Unconjugated
Full name:
coagulation factor III (thromboplastin,
tissue factor)
Gene ID:
2152

Applications

Tested Applications:
Cytometric bead array, Sandwich
ELISA

Range:
0.625-80 ng/mL (Cytometric Bead
Array)
7.8-500 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent
should be titrated in each testing
system to obtain optimal results.

Product Information

MP00732-1 targets Coagulation Factor III/Tissue Factor in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Coagulation Factor III/Tissue Factor Recombinant antibody, PBS Only (Capture) 83776-1-PBS (240784B8). 100 µg. Concentration 1 mg/mL.

Detection antibody: Coagulation Factor III/Tissue Factor Recombinant antibody, PBS Only (Detector) 83776-2-PBS (240784E5). 100 µg. Concentration 1 mg/mL.

Alternative Coagulation Factor III/Tissue Factor matched antibody pairs: MP00732-2, MP00859-1, MP00859-2, MP00859-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

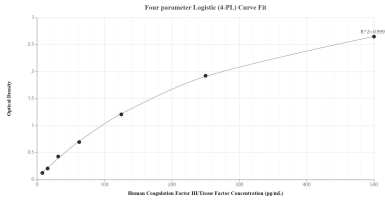
For technical support and original validation data for this product please contact:

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

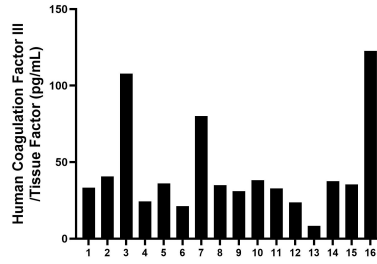
E: proteintech@ptglab.com
W: ptglab.com

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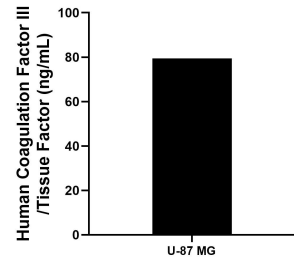
Selected Validation Data



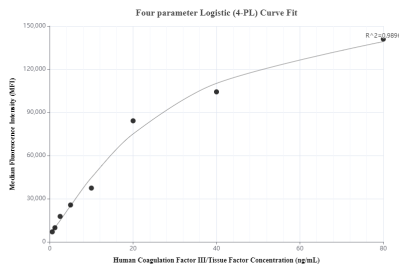
Sandwich ELISA standard curve of MP00732-1, Human Coagulation Factor III/Tissue Factor Recombinant Matched Antibody Pair - PBS only. 83776-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1052. 83776-2-PBS was HRP conjugated as the detection antibody. Range: 7.8-500 pg/mL



Serum of sixteen individual healthy human donors was measured. The Coagulation Factor III/Tissue Factor concentration of detected samples was determined to be 44.3 pg/mL with a range of 8.4 - 122.7 pg/mL.



The mean Coagulation Factor III/Tissue Factor concentration was determined to be 79.46 ng/mL in U-87 MG cell extract based on a 3.0 mg/mL extract load.



Cytometric bead array standard curve of MP00732-1, Coagulation Factor III/Tissue Factor Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83776-1-PBS. Detection antibody: 83776-2-PBS. Standard: Eg1052. Range: 0.625-80 ng/mL