For Research Use Only

## CD141/Thrombomodulin Recombinant antibody, PBS Only (Capture)

Catalog Number:83416-1-PBS



**Purification Method:** 

Protein A purification

CloneNo.:

240365A10

**Basic Information** 

Catalog Number: 83416-1-PBS

GenBank Accession Number:

NM\_000361.3

GeneID (NCBI):

100ug, Concentration: 1 mg/ml by

Nanodrop: **UNIPROT ID:** Source: P07204

Rabbit Full Name: Isotype: thrombomodulin IgG Calculated MW:

60 kDa

**Applications** 

**Tested Applications:** 

Cytometric bead array, Sandwich ELISA, Indirect ELISA,

Sample test

Species Specificity:

human

**Product Information** 

83416-1-PBS targets CD141/Thrombomodulin as part of a matched antibody pair:

MP00411-1: 83416-1-PBS capture and 83416-2-PBS detection (validated in Cytometric bead array)

MP00411-3: 83416-1-PBS capture and 83416-7-PBS detection (validated in 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.

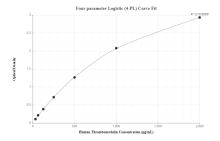
Storage

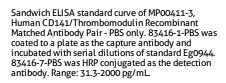
Storage: Store at -80°C. Storage Buffer:

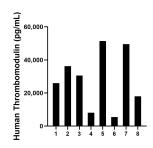
PBS Only

in USA), or 1(312) 455-8498 (outside USA)

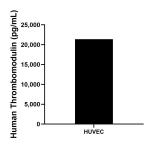
## **Selected Validation Data**



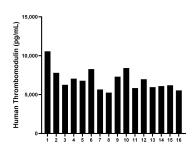




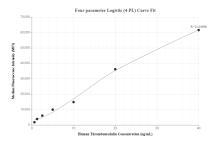
Urine of eight individual healthy human donors was measured. The CD141/Thrombomodulin concentration of detected samples was determined to be 28,157.6 pg/mL with a range of 5,473.9 - 51,428.0 pg/mL



The mean CD141/Thrombomodulin concentration was determined to be 21,389.33 pg/mL in HUVEC cell extract based on a 1.8 mg/mL extract load.



Serum of sixteen individual healthy human donors was measured. The CD141/Thrombomodulin concentration of detected samples was determined to be 6,871.5 pg/mL with a range of 5,248.2 - 10,568.0 pg/mL



Cytometric bead array standard curve of MP00411-1, CD141/Thrombomodulin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83416-1-PBS. Detection antibody: 83416-2-PBS. Standard: Eg0944. Range: 0.625-40 ng/mL