For Research Use Only

vwf Recombinant antibody, PBS Only (Capture)

Catalog Number:83854-4-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
83854-4-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG25578

GenBank Accession Number:

GeneID (NCBI):
7450

UNIPROT ID:
P04275

Full Name:
von Willebrand factor

Purification Method:
Protein A purification

CloneNo.:
240867D1

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83854-4-PBS targets vwf as part of a matched antibody pair:

MP00810-3: 83854-4-PBS capture and 83854-1-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.

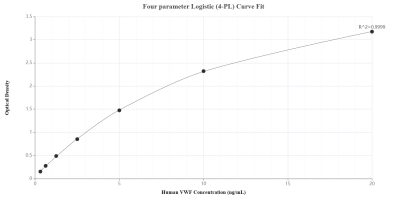
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

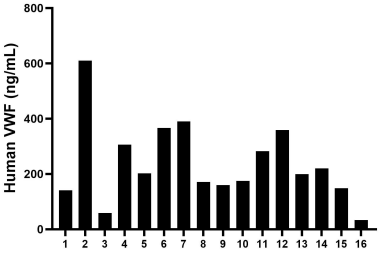
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

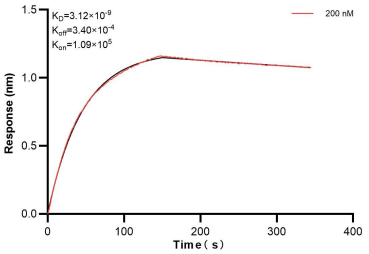
Selected Validation Data



Sandwich ELISA standard curve of MP00810-3, Human VWF Recombinant Matched Antibody Pair - PBS only. 83854-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag25578. 83854-1-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.



Serum of sixteen individual healthy human donors was measured. The VWF concentration of detected samples was determined to be 239.02 ng/mL with a range of 33.91-609.64 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 83854-4-PBS against Human vwf was performed. The affinity constant is 3.12 nM.