

FLT4/VEGFR3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00009-6

Capture Antibody Information

Catalog Number:
85076-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242430D2
Reactivity:
human
GenBank:
NM_182925

Conjugate:
Unconjugated
Full name:
fms-related tyrosine kinase 4
Gene ID:
2324

Detection Antibody Information

Catalog Number:
85076-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242430G11
Reactivity:
human
GenBank:
NM_182925

Conjugate:
Unconjugated
Full name:
fms-related tyrosine kinase 4
Gene ID:
2324

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 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

MP00009-6 targets FLT4/VEGFR3 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: FLT4 Recombinant antibody, PBS Only (Capture) 85076-2-PBS (242430D2). 100 µg. Concentration 1 mg/mL.

Detection antibody: FLT4 Recombinant antibody, PBS Only (Detector) 85076-5-PBS (242430G11). 100 µg. Concentration 1 mg/mL.

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.

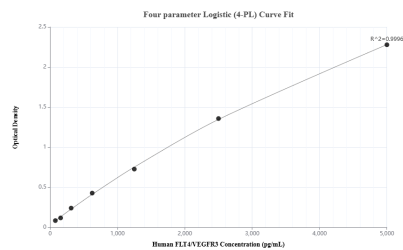
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

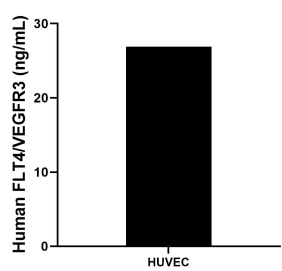
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

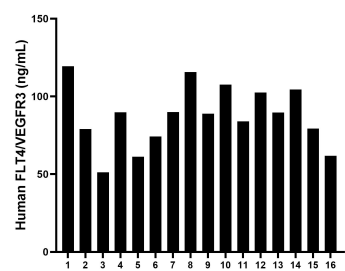
Selected Validation Data



Sandwich ELISA standard curve of MP00009-6, Human FLT4/VEGFR3 Recombinant Matched Antibody Pair - PBS only. 85076-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2494. 85076-5-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean FLT4/VEGFR3 concentration was determined to be 26.90 ng/mL in HUVEC cell extract based on a 1.1 mg/mL extract load.



Serum of sixteen individual healthy human donors was measured. The human FLT4/VEGFR3 concentration of detected samples was determined to be 87.44 ng/mL with a range of 51.15 - 119.37 ng/mL.