

VEGFR-1/FLT-1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03426-1

Capture Antibody Information

Catalog Number:
85844-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
253459C5
Reactivity:
human
GenBank:
NM_002019
Immunogen Catalog Number:
Eg7078

Conjugate:
Unconjugated
Full name:
fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)
Gene ID:
2321

Detection Antibody Information

Catalog Number:
85844-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
253459B11
Reactivity:
human
GenBank:
NM_002019
Immunogen Catalog Number:
Eg7078

Conjugate:
Unconjugated
Full name:
fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)
Gene ID:
2321

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.

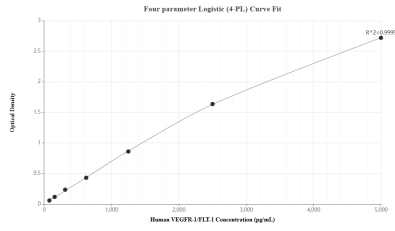
Product Information

MP03426-1 targets VEGFR-1/FLT-1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.
Capture antibody: VEGFR-1/FLT-1 Recombinant monoclonal antibody, PBS Only (Capture) 85844-4-PBS (253459C5). 100 µg. Concentration 1 mg/mL.
Detection antibody: VEGFR-1/FLT-1 Recombinant monoclonal antibody, PBS Only (Detector) 85844-3-PBS (253459B11). 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.

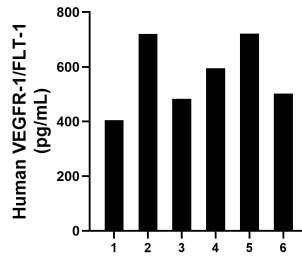
Storage

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

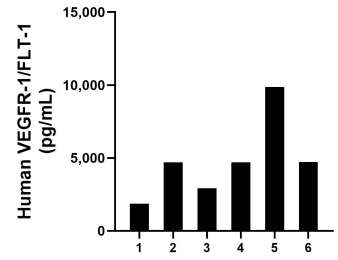
Selected Validation Data



Sandwich ELISA standard curve of MP03426-1, Human VEGFR-1/FLT-1 Recombinant Matched Antibody Pair - PBS only. 85844-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg7078. 85844-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Plasma of six individual healthy human donors was measured. The human VEGFR-1/FLT-1 concentration of detected samples was determined to be 571.1 pg/mL with a range of 405.2-721.5 pg/mL



Saliva of six individual healthy human donors was measured. The human VEGFR-1/FLT-1 concentration of detected samples was determined to be 4,798.9 ppg/mL with a range of 1,871.9-9,859.6 pg/mL