

VEGFR2/KDR Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00012-1

Capture Antibody Information

Catalog Number:
83049-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
230238D2

Reactivity:
human

GenBank:
NM_002253

Conjugate:
Unconjugated

Full name:
kinase insert domain receptor (a type III receptor tyrosine kinase)

Gene ID:
3791

Affinity:
 $K_D = 1.15 \times 10^{-9}$
 $K_{off} = 2.30 \times 10^{-4}$
 $K_{on} = 2.00 \times 10^5$

Detection Antibody Information

Catalog Number:
83049-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
230238F2

Reactivity:
human

GenBank:
NM_002253

Conjugate:
Unconjugated

Full name:
kinase insert domain receptor (a type III receptor tyrosine kinase)

Gene ID:
3791

Affinity:
 $K_D = 3.31 \times 10^{-9}$
 $K_{off} = 3.56 \times 10^{-4}$
 $K_{on} = 1.08 \times 10^5$

Applications

Tested Applications:
Cytometric bead array

Range:
0.312-20 ng/mL (Cytometric Bead Array)

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

Product Information

MP00012-1 targets VEGFR2/KDR in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: VEGFR2/KDR Recombinant antibody, PBS Only (Capture) 83049-2-PBS (230238D2). 100 µg. Concentration 1 mg/mL.

Detection antibody: VEGFR2/KDR Recombinant antibody, PBS Only (Detector) 83049-3-PBS (230238F2). 100 µg. Concentration 1 mg/mL.

Alternative VEGFR2/KDR matched antibody pairs: MP00012-2, MP00012-3, MP00394-1, MP00394-2, MP00394-3, MP50080-1

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.

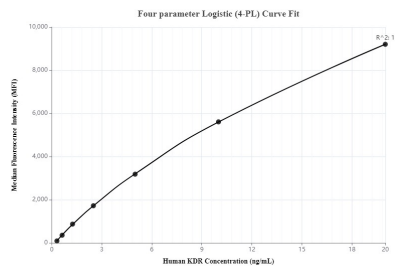
Storage

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



Cytometric bead array standard curve of MP00012-1, KDR Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83049-2-PBS. Detection antibody: 83049-3-PBS. Standard: Eg0218. Range: 0.312-20 ng/mL