

VEGFR2/KDR Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00012-2**

Capture Antibody Information

Catalog Number:
83049-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
230238D2
Reactivity:
human

Conjugate:
Unconjugated
Full name:
kinase insert domain receptor (a type III receptor tyrosine kinase)
Gene ID:
3791
Affinity:
 $K_D = 1.15 \times 10^{-9} \text{M}$
 $K_{Off} = 2.30 \times 10^{-4} \text{M}$
 $K_{On} = 2.00 \times 10^5 \text{M}$

Detection Antibody Information

Catalog Number:
83049-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
230238C8
Reactivity:
human
GenBank:
NM_002253

Conjugate:
Unconjugated
Full name:
kinase insert domain receptor (a type III receptor tyrosine kinase)
Gene ID:
3791
Affinity:
 $K_D = 2.50 \times 10^{-9} \text{M}$
 $K_{Off} = 2.61 \times 10^{-4} \text{M}$
 $K_{On} = 1.04 \times 10^5 \text{M}$

Applications

Tested Applications:
Cytometric bead array

Range:
0.625-20 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

MP00012-2 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) 83049-1-PBS (230238C8). 100 µg. Concentration 1 mg/mL.

Alternative VEGFR2/KDR matched antibody pairs: MP00012-1, 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.

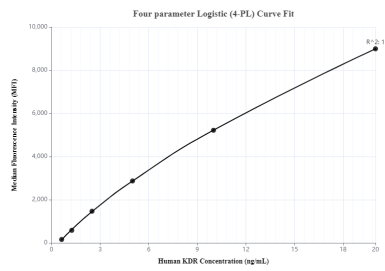
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

Selected Validation Data



Cytometric bead array standard curve of MP00012-2, KDR Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83049-2-PBS. Detection antibody: 83049-1-PBS. Standard: Eg0218. Range: 0.625-20 ng/mL