

For Research Use Only

KDR Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50080-1

Capture Antibody Information

Catalog Number:
68689-1-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
3A3F5
Reactivity:
Human

Conjugate:
Unconjugated
Full name:
kinase insert domain receptor (a type III receptor tyrosine kinase)
Gene ID:
3791
Affinity:
 $K_D=6.32 \times 10^{-12}M$
 $K_{Off}=3.94 \times 10^{-6}M$
 $K_{On}=6.24 \times 10^5M$

Detection Antibody Information

Catalog Number:
68689-2-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
3C10A1
Reactivity:
Human
GenBank:
NM_002253

Conjugate:
Unconjugated
Full name:
kinase insert domain receptor (a type III receptor tyrosine kinase)
Gene ID:
3791
Affinity:
 $K_D=3.25 \times 10^{-10}M$
 $K_{Off}=2.90 \times 10^{-4}M$
 $K_{On}=8.91 \times 10^5M$

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

MP50080-1 targets KDR in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.
Capture antibody: VEGFR2/KDR Monoclonal antibody, PBS Only (Capture) 68689-1-PBS (3A3F5). 100 µg. Concentration 1 mg/mL.
Detection antibody: VEGFR2/KDR Monoclonal antibody, PBS Only (Detector) 68689-2-PBS (3C10A1). 100 µg. Concentration 1 mg/mL.
Alternative KDR matched antibody pairs: MP00012-1, MP00012-2
Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.
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.

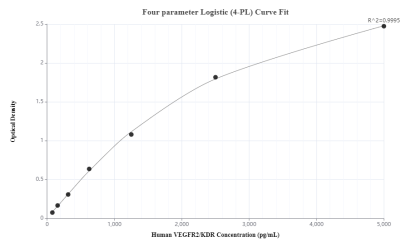
Storage

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

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

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Selected Validation Data



Sandwich ELISA standard curve of MP50080-1, KDR Monoclonal Matched Antibody Pair - PBS only. 68689-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0218. 68689-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL