

For Research Use Only

CD117/c-Kit Recombinant Matched Antibody Pair, PBS Only



Catalog Number: MP01171-4

Capture Antibody Information

Catalog Number:
84259-8-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241312G9
Reactivity:
human
GenBank:
BC071593

Conjugate:
Unconjugated
Full name:
v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
Gene ID:
3815

Detection Antibody Information

Catalog Number:
84259-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241313D1
Reactivity:
human
GenBank:
BC071593

Conjugate:
Unconjugated
Full name:
v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
Gene ID:
3815

Applications

Tested Applications:
Sandwich ELISA

Range:
0.313-10 ng/mL (Sandwich ELISA)

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

Product Information

MP01171-4 targets CD117/c-Kit in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: C-Kit Recombinant antibody, PBS Only (Capture) 84259-8-PBS (241312G9). 100 µg. Concentration 1 mg/mL.

Detection antibody: C-Kit Recombinant antibody, PBS Only (Detector) 84259-6-PBS (241313D1). 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.

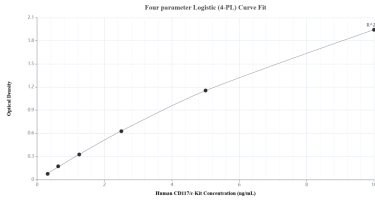
Storage

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

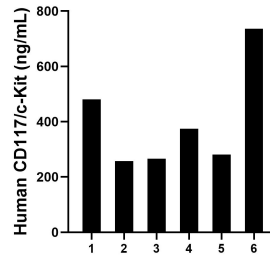
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

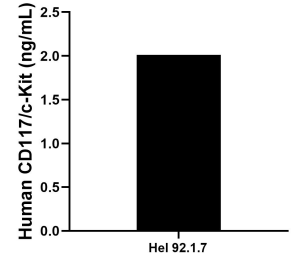
Selected Validation Data



Sandwich ELISA standard curve of MP01171-4, Human CD117/c-Kit Recombinant Matched Antibody Pair - PBS only. 84259-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP02323. 84259-6-PBS was HRP conjugated as the detection antibody. Range: 0.313-10 ng/mL



Serum of six individual healthy human donors was measured. The CD117/c-Kit concentration of detected samples was determined to be 399.22 ng/mL with a range of 257.05-736.28 ng/mL.



Hel 92.1.7 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human CD117/c-Kit, and measured 2.01 ng/mL.