

For Research Use Only



Rat SCF Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00664-1

Capture Antibody Information

Catalog Number:
83707-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240787E3

Reactivity:
rat

Conjugate:
Unconjugated

Full name:
KIT ligand

Gene ID:
60427

Detection Antibody Information

Catalog Number:
83707-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240787H1

Reactivity:
human, rat

GenBank:
NM_021843.4

Conjugate:
Unconjugated

Full name:
KIT ligand

Gene ID:
60427

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.313-20 ng/mL (Cytometric Bead Array)
46.9-3000 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

MP00664-1 targets SCF in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Rat SCF Recombinant antibody, PBS Only (Capture) 83707-1-PBS (240787E3). 100 µg. Concentration 1 mg/ml.

Detection antibody: Rat SCF Recombinant antibody, PBS Only (Detector) 83707-2-PBS (240787H1). 100 µg. Concentration 1 mg/ml.

Alternative SCF matched antibody pairs: MP01028-1, MP01028-2, MP01028-3

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

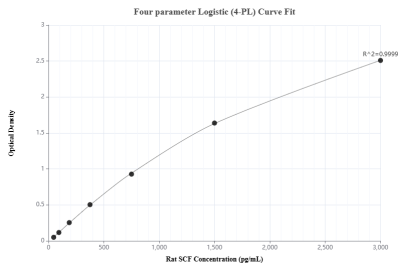
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

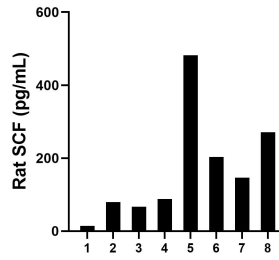
E: proteintech@ptglab.com
W: ptglab.com

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

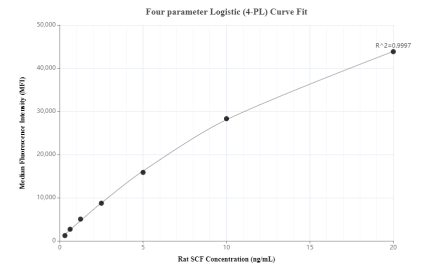
Selected Validation Data



Sandwich ELISA standard curve of MP00664-1, Rat SCF Recombinant Matched Antibody Pair - PBS only. 83707-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1092. 83707-2-PBS was HRP conjugated as the detection antibody. Range: 46.9-3000 pg/mL



Serum of eight rats was measured. The rat SCF concentration of detected samples was determined to be 191.0 pg/mL with a range of 14.0 - 481.6 pg/mL



Cytometric bead array standard curve of MP00664-1, RAT SCF Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83707-1-PBS. Detection antibody: 83707-2-PBS. Standard: Eg1092. Range: 0.313-20 ng/mL