

# 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

GenBank:  
NM\_021843.4

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.

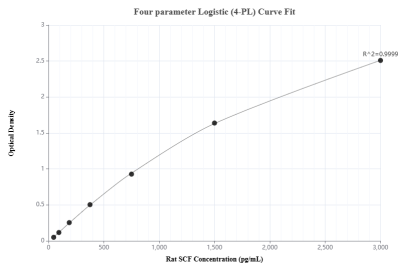
## Storage

Storage:  
Store at -80°C.

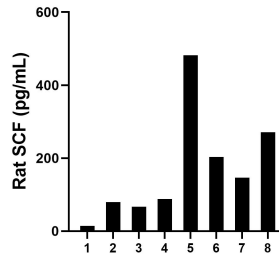
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:  
PBS only

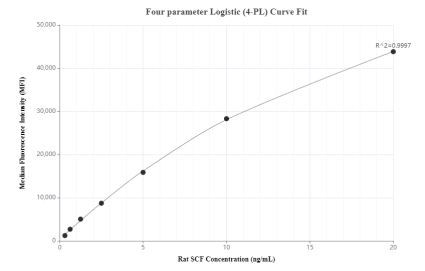
## Selected Validation Data



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