

For Research Use Only

# RFC2 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01625-2

## Capture Antibody Information

**Catalog Number:**  
84892-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
242503E12

**Reactivity:**  
human

**Immunogen Catalog Number:**  
Ag0663

**Conjugate:**  
Unconjugated

**Full name:**  
replication factor C (activator 1) 2,  
40kDa

**Gene ID:**  
5982

## Detection Antibody Information

**Catalog Number:**  
84892-2-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
242503E3

**Reactivity:**  
human

**GenBank:**  
BC002813

**Immunogen Catalog Number:**  
Ag0663

**Conjugate:**  
Unconjugated

**Full name:**  
replication factor C (activator 1) 2,  
40kDa

**Gene ID:**  
5982

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich  
ELISA

**Range:**  
0.625-80 ng/mL (Cytometric Bead  
Array)  
0.156-10 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

MP01625-2 targets RFC2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: RFC2 Recombinant antibody, PBS Only (Capture) 84892-1-PBS (242503E12). 100 µg. Concentration 1 mg/ml.

Detection antibody: RFC2 Recombinant antibody, PBS Only (Detector) 84892-2-PBS (242503E3). 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.  
**Storage buffer:**  
PBS only

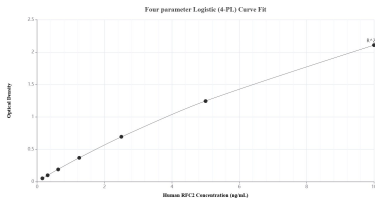
For technical support and original validation data for this product please contact:

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

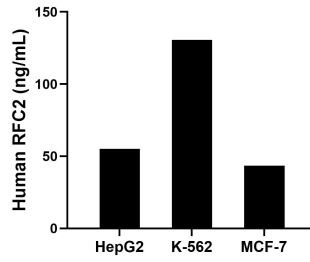
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

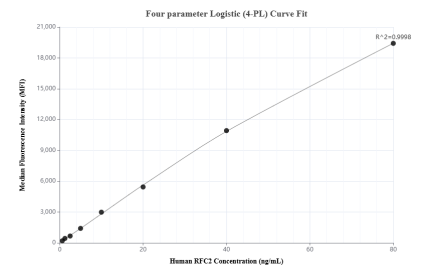
## Selected Validation Data



Sandwich ELISA standard curve of MP01625-2, Human RFC2 Recombinant Matched Antibody Pair - PBS only. 84892-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0663. 84892-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean RFC2 concentration was determined to be 55.11 ng/mL in HepG2 cell extract based on a 1.00 mg/mL extract load, 130.72 ng/mL in K-562 cell extract based on a 2.40 mg/mL extract load and 43.49 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load.



Cytometric bead array standard curve of MP01625-2, RFC2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84892-1-PBS. Detection antibody: 84892-2-PBS. Standard: Ag0663. Range: 0.625-80 ng/mL