

RAD51C Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01399-3**

Capture Antibody Information

Catalog Number:
84537-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241971F7
Reactivity:
human
GenBank:
BC107753
Immunogen Catalog Number:
Ag35070

Conjugate:
Unconjugated
Full name:
RAD51 homolog C (*S. cerevisiae*)
Gene ID:
5889

Detection Antibody Information

Catalog Number:
84537-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241971D4
Reactivity:
human
GenBank:
BC107753
Immunogen Catalog Number:
Ag35070

Conjugate:
Unconjugated
Full name:
RAD51 homolog C (*S. cerevisiae*)
Gene ID:
5889

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

MP01399-3 targets RAD51C in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: RAD51C Recombinant antibody, PBS Only (Capture) 84537-4-PBS (241971F7). 100 µg. Concentration 1 mg/mL.

Detection antibody: RAD51C Recombinant antibody, PBS Only (Capture/Detector) 84537-1-PBS (241971D4). 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.

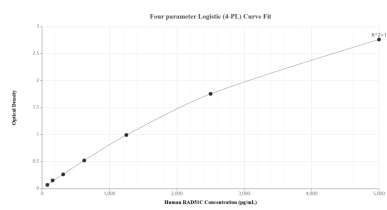
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

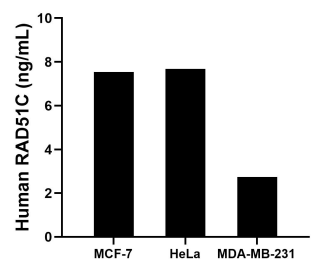
Storage

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

Selected Validation Data



Sandwich ELISA standard curve of MP01399-3, Human RAD51C Recombinant Matched Antibody Pair - PBS only. 84537-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag35070. 84537-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean RAD51C concentration was determined to be 7.5 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load, 7.7 ng/mL in HeLa cell extract based on a 1.0 mg/mL extract load and 2.7 ng/mL in MDA-MB-231 cell extract based on a 1.9 mg/mL extract load.