

For Research Use Only

# ESR2 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00441-3

## Capture Antibody Information

Catalog Number:  
83447-4-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
240412D5

Reactivity:  
human

Immunogen Catalog Number:  
Ag5103

Conjugate:  
Unconjugated

Full name:  
estrogen receptor 2 (ER beta)

Gene ID:  
2100

## Detection Antibody Information

Catalog Number:  
83447-2-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
240412G9

Reactivity:  
human

GenBank:  
BC024181

Immunogen Catalog Number:  
Ag5103

Conjugate:  
Unconjugated

Full name:  
estrogen receptor 2 (ER beta)

Gene ID:  
2100

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
1.56-100 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

MP00441-3 targets ESR2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ESR2 Recombinant antibody, PBS Only (Capture) 83447-4-PBS (240412D5). 100 µg. Concentration 1 mg/ml.

Detection antibody: ESR2 Recombinant antibody, PBS Only (Capture/Detector) 83447-2-PBS (240412G9). 100 µg. Concentration 1 mg/ml.

Alternative ESR2 matched antibody pairs: MP00441-1, MP00441-2

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

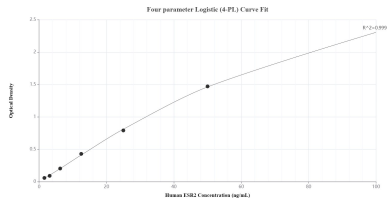
For technical support and original validation data for this product please contact:

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

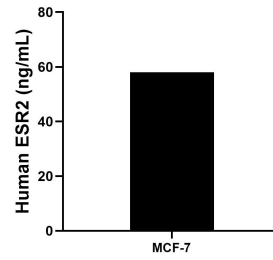
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 MP00441-3, Human ESR2 Recombinant Matched Antibody Pair - PBS only. 83447-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5103. 83447-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean ESR2 concentration was determined to be 58.05 ng/mL in MCF-7 cell extract based on a 4.30 mg/mL extract load.