

For Research Use Only

# ESR2 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83447-4-PBS



## Basic Information

<b>Catalog Number:</b> 83447-4-PBS	<b>GenBank Accession Number:</b> BC024181	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2100	<b>CloneNo.:</b> 240412D5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q92731	
<b>Isotype:</b> IgG	<b>Full Name:</b> estrogen receptor 2 (ER beta)	
<b>Immunogen Catalog Number:</b> AG5103	<b>Calculated MW:</b> 59 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

83447-4-PBS targets ESR2 as part of a matched antibody pair:

MP00441-3: 83447-4-PBS capture and 83447-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

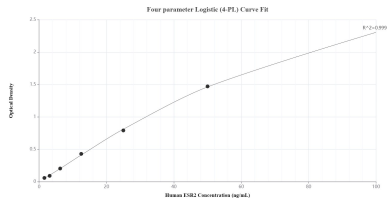
For technical support and original validation data for this product please contact:

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

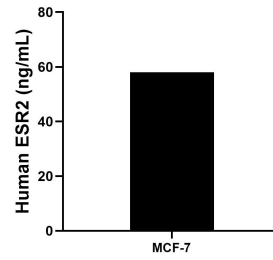
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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.