

# CYP17A1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02011-3

## Capture Antibody Information

**Catalog Number:**  
85690-6-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
243076G4  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag5899

**Conjugate:**  
Unconjugated  
**Full name:**  
cytochrome P450, family 17, subfamily A, polypeptide 1  
**Gene ID:**  
1586

## Detection Antibody Information

**Catalog Number:**  
85690-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
243076B8  
**Reactivity:**  
human  
**GenBank:**  
BC062997  
**Immunogen Catalog Number:**  
Ag5899

**Conjugate:**  
Unconjugated  
**Full name:**  
cytochrome P450, family 17, subfamily A, polypeptide 1  
**Gene ID:**  
1586

## 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

MP02011-3 targets CYP17A1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CYP17A1 Recombinant antibody, PBS Only (Capture) 85690-6-PBS (243076G4). 100 µg. Concentration 1 mg/mL.

Detection antibody: CYP17A1 Recombinant antibody, PBS Only (Capture/Detector) 85690-2-PBS (243076B8). 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

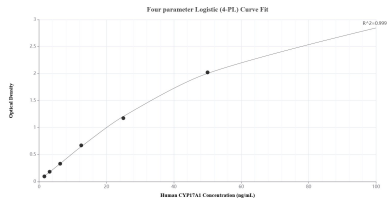
For technical support and original validation data for this product please contact:

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

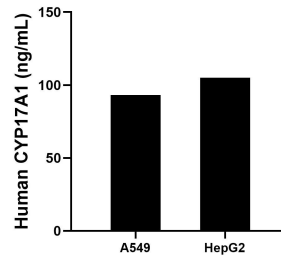
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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 MP02011-3, Human CYP17A1 Recombinant Matched Antibody Pair - PBS only. 85690-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5899. 85690-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL.



The mean CYP17A1 concentration was determined to be 93.13 ng/mL in A549 cell extract based on a 3.10 mg/mL extract load and 105.10 ng/mL in HepG2 cell extract based on a 1.80 mg/mL extract load.