

For Research Use Only

CYP17A1 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 85690-2-PBS



Basic Information

Catalog Number: 85690-2-PBS	GenBank Accession Number: BC062997	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1586	CloneNo.: 24307688
Source: Rabbit	UNIPROT ID: P05093	
Isotype: IgG	Full Name: cytochrome P450, family 17, subfamily A, polypeptide 1	
Immunogen Catalog Number: AG5899	Calculated MW: 57 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85690-2-PBS targets CYP17A1 as part of a matched antibody pair:

MP02011-2: 85690-2-PBS capture and 85690-1-PBS detection (validated in Cytometric bead array)

MP02011-3: 85690-6-PBS capture and 85690-2-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.

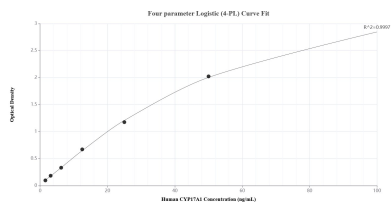
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

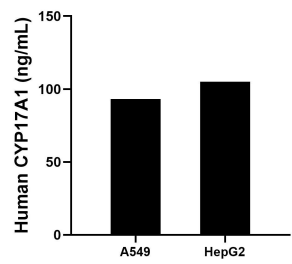
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

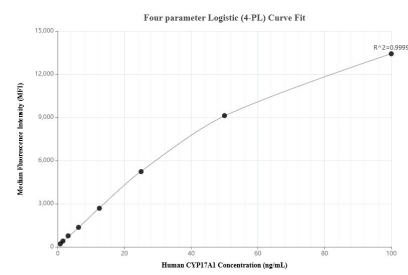
Selected Validation Data



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.



Cytometric bead array standard curve of MP02011-2, CYP17A1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85690-2-PBS. Detection antibody: 85690-1-PBS. Standard: Ag5899. Range: 0.781-100 ng/mL