

For Research Use Only

CYP7A1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 86045-4-PBS



Basic Information

Catalog Number: 86045-4-PBS	GenBank Accession Number: BC101777	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1581	CloneNo.: 250554G11
Source: Rabbit	UNIPROT ID: P22680	
Isotype: IgG	Full Name: cytochrome P450, family 7, subfamily A, polypeptide 1	
Immunogen Catalog Number: AG12572	Calculated MW: 504 aa, 58 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86045-4-PBS targets CYP7A1 as part of a matched antibody pair:

MP02333-1: 86045-4-PBS capture and 86045-3-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.

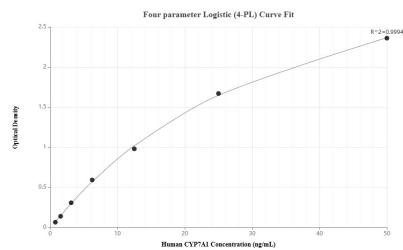
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

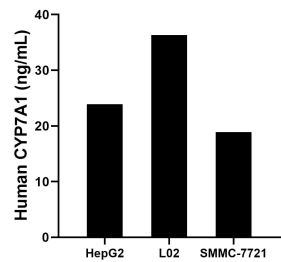
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 MP02333-1, Human CYP7A1 Recombinant Matched Antibody Pair - PBS only. 86045-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12572. 86045-3-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean CYP7A1 concentration was determined to be 23.92 ng/mL in HepG2 cell extract based on a 0.9 mg/mL extract load, 36.30 ng/mL in L02 cell extract based on a 1.3 mg/mL extract load and 18.87 ng/mL in SMC-7721 cell extract based on a 2.2 mg/mL extract load.