

For Research Use Only

CEBPB Recombinant antibody, PBS Only (Detector)

Catalog Number: 83791-3-PBS



Basic Information

Catalog Number: 83791-3-PBS	GenBank Accession Number: BC007538	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1051	CloneNo.: 240836D6
Source: Rabbit	UNIPROT ID: P17676	
Isotype: IgG	Full Name: CCAAT/enhancer binding protein (C/EBP), beta	
Immunogen Catalog Number: AG20073	Calculated MW: 345 aa, 36 kDa	

Applications

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

Species Specificity:
human

Product Information

83791-3-PBS targets CEBPB as part of a matched antibody pair:

MP00737-3: 83791-4-PBS capture and 83791-3-PBS detection (validated in Cytometric bead array, 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

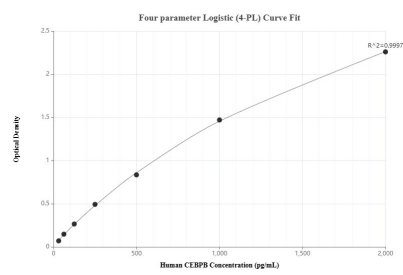
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

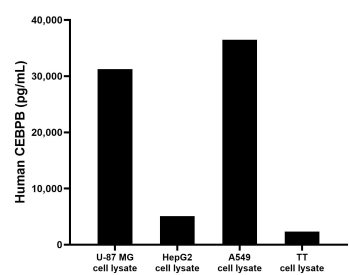
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

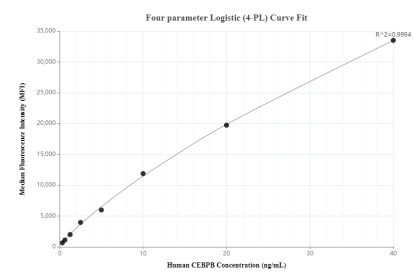
Selected Validation Data



Sandwich ELISA standard curve of MP00737-3, Human CEBPB Recombinant Matched Antibody Pair - PBS only. 83791-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag20073. 83791-3-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL



U-87 MG, HepG2, A549 and TT cell lysates were measured. The human CEBPB concentration of detected samples was determined to be 31,247.5 pg/mL (based on a 2.0 mg/mL extract load) in U-87 MG cell lysate, 5,095.4 pg/mL (based on a 1.2 mg/mL extract load) in HepG2 cell lysate, 36,477.3 pg/mL (based on a 1.0 mg/mL extract load) in A549 cell lysate and 2,346.0 ng/mL (based on a 1.0 mg/mL extract load) in TT cell lysate.



Cytometric bead array standard curve of MP00737-3, CEBPB Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83791-4-PBS. Detection antibody: 83791-3-PBS. Standard: Ag20073. Range: 0.313-40 ng/mL