

For Research Use Only

CEBP Alpha/CEBPA Recombinant antibody, PBS Only (Capture)

Catalog Number: 84668-1-PBS



Basic Information

Catalog Number: 84668-1-PBS	GenBank Accession Number: NM_004364	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1050	CloneNo.: 242101C8
Source: Rabbit	UNIPROT ID: P49715	
Isotype: IgG	Full Name: CCAAT/enhancer binding protein (C/EBP), alpha	
Immunogen Catalog Number: AG29947	Calculated MW: 38 kDa	

Applications

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

Species Specificity:
human

Product Information

84668-1-PBS targets CEBP Alpha/CEBPA as part of a matched antibody pair:

MP01479-1: 84668-1-PBS capture and 84668-2-PBS detection (validated in Cytometric bead array)

MP01479-2: 84668-1-PBS capture and 84668-3-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

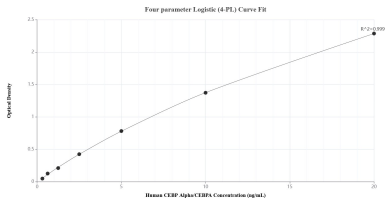
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

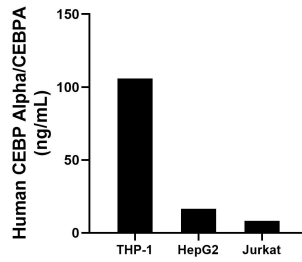
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

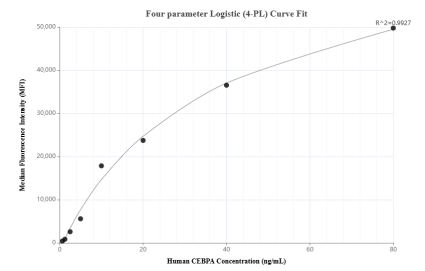
Selected Validation Data



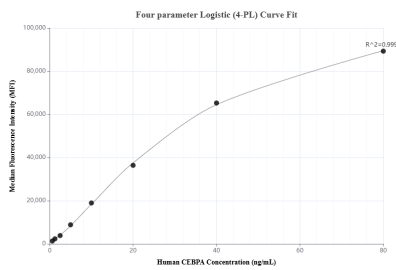
Sandwich ELISA standard curve of MP01479-2, Human CEBP Alpha/CEBPA Recombinant Matched Antibody Pair - PBS only. 84668-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag29947. 84668-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean CEBP Alpha/CEBPA concentration was determined to be 105.90 ng/mL in THP-1 cell extract based on a 4.40 mg/mL extract load, 16.58 ng/mL in HepG2 cell extract based on a 1.00 mg/mL extract load and 8.26 ng/mL in Jurkat cell extract based on a 1.50 mg/mL extract load.



Cytometric bead array standard curve of MP01479-2, CEBP Alpha/CEBPA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84668-1-PBS. Detection antibody: 84668-3-PBS. Standard: Ag29947. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP01479-1, CEBP Alpha/CEBPA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84668-1-PBS. Detection antibody: 84668-2-PBS. Standard: Ag29947. Range: 0.625-80 ng/mL