For Research Use Only

## CEBP Alpha/CEBPA Recombinant antibody, PBS Only (Detector)

Catalog Number:84668-3-PBS



**Purification Method:** 

Protein A purification

CloneNo.:

242101F2

**Basic Information** 

Catalog Number: GenBank Accession Number:

84668-3-PBS NM 004364

GeneID (NCBI): 100ug, Concentration: 1 mg/ml by

Nanodrop: **UNIPROT ID:** P49715 Rabbit Full Name:

Isotype: CCAAT/enhancer binding protein

(C/EBP), alpha IgG Immunogen Catalog Number: Calculated MW: AG29947 38 kDa

**Applications** 

**Tested Applications:** 

Cytometric bead array, Sandwich ELISA, Indirect ELISA,

Sample test

Species Specificity:

human

**Product Information** 

84668-3-PBS targets CEBP Alpha/CEBPA as part of a matched antibody pair:

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

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

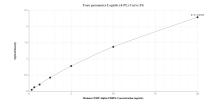
Storage:

Store at -80°C. Storage Buffer:

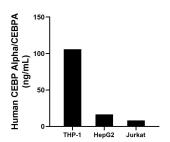
PBS Only

in USA), or 1(312) 455-8498 (outside USA)

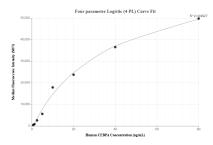
## **Selected Validation Data**



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