

For Research Use Only

p300 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83078-4-PBS



Basic Information

Catalog Number: 83078-4-PBS	GenBank Accession Number: NM_001429	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2033	CloneNo.: 230369H8
Source: Rabbit	UNIPROT ID: Q09472	Affinity: $K_D = 1.30 \times 10^{-8}M$
Isotype: IgG	Full Name: E1A binding protein p300	$K_{off} = 3.14 \times 10^{-3}M$
	Calculated MW: 264 kDa	$K_{on} = 2.42 \times 10^5M$

Applications

Tested Applications:
IF/ICC, FC (Intra), Cytometric bead array, Indirect
ELISA

Species Specificity:
human

Product Information

83078-4-PBS targets p300 as part of a matched antibody pair:

MP00310-2: 83078-4-PBS capture and 83078-3-PBS detection (validated in Cytometric bead array)

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

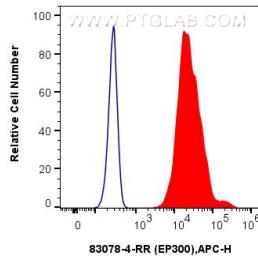
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

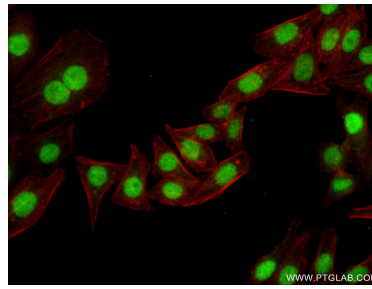
E: proteintech@ptglab.com
W: ptglab.com

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

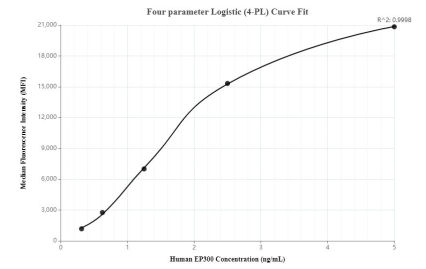
Selected Validation Data



1x10⁶ THP-1 cells were intracellularly stained with 0.25 ug p300 Recombinant antibody (83078-4-RR, Clone:230369H8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 83078-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using p300 antibody (83078-4-RR, Clone: 230369H8) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83078-4-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00310-2, p300 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83078-4-PBS. Detection antibody: 83078-3-PBS. Standard: SY00911. Range: 0.313-5 ng/mL.