

For Research Use Only

Cyclin E1 Recombinant antibody, PBS Only (Capture)

Catalog Number:82700-6-PBS



Basic Information

Catalog Number: 82700-6-PBS	GenBank Accession Number: BC035498	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 898	CloneNo.: 240136C10
Source: Rabbit	UNIPROT ID: P24864	
Isotype: IgG	Full Name: cyclin E1	
Immunogen Catalog Number: AG2110	Calculated MW: 410 aa, 47 kDa	

Applications

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

Species Specificity:
human

Product Information

82700-6-PBS targets Cyclin E1 as part of a matched antibody pair:

MP00361-2: 82700-6-PBS capture and 82700-8-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

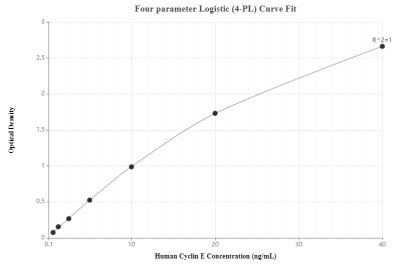
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

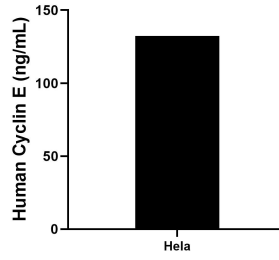
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

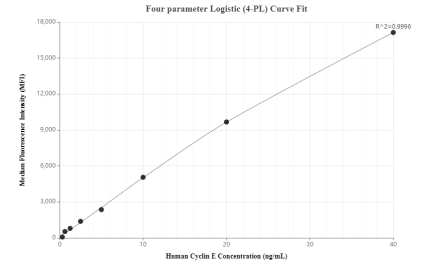
Selected Validation Data



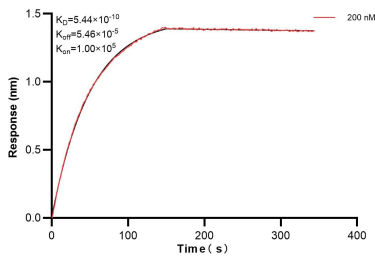
Sandwich ELISA standard curve of MP00361-2, Human Cyclin E1 Monoclonal Matched Antibody Pair - PBS only. 82700-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2110. 82700-8-PBS was HRP conjugated as the detection antibody. Range: 0.313-40 ng/mL



The mean human Cyclin E1 concentration was determined to be 132.4 ng/mL in Hela cell extract based on a 3.0 mg/mL extract load.



Cytometric bead array standard curve of MP00361-2, Cyclin E1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82700-6-PBS. Detection antibody: 82700-8-PBS. Standard: Ag2110. Range: 0.313-40 ng/mL



Biolayer interferometry (BLI) kinetic assay of 82700-6-PBS against Human Cyclin E1 was performed. The affinity constant is 0.544 nM.