

For Research Use Only

# CD28 Recombinant antibody, PBS Only (Capture)



Catalog Number: 83032-1-PBS

## Basic Information

<b>Catalog Number:</b> 83032-1-PBS	<b>GenBank Accession Number:</b> BC093698	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 940	<b>CloneNo.:</b> 230276C11
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000178562	<b>Affinity:</b> $K_D = 7.10 \times 10^{-10}M$
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P10747	$K_{off} = 1.85 \times 10^{-4}M$
<b>Immunogen Catalog Number:</b> AG15942	<b>Full Name:</b> CD28 molecule	$K_{on} = 2.61 \times 10^5M$
	<b>Calculated MW:</b> 220 aa, 25 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
Human

## Product Information

83032-1-PBS targets CD28 as part of a matched antibody pair:

MP00136-1: 83032-1-PBS capture and 83032-2-PBS detection (validated in 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

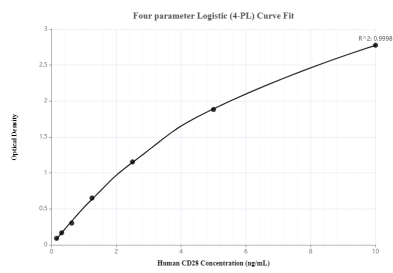
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
100% PBS pH 7.3

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://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 MP00136-1, CD28 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83032-1-PBS. Detection antibody: 83032-2-PBS. Standard: Ag15942. Range: 0.156-10 ng/mL