

For Research Use Only

CD28 Recombinant antibody, PBS Only (Detector)



Catalog Number: 83032-2-PBS

Basic Information

Catalog Number: 83032-2-PBS	GenBank Accession Number: BC093698	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 940	CloneNo.: 230276G6
Source: Rabbit	ENSEMBL Gene ID: ENSG00000178562	Affinity: $K_D = 4.51 \times 10^{-10}M$
Isotype: IgG	UNIPROT ID: P10747	$K_{off} = 1.00 \times 10^{-4}M$
Immunogen Catalog Number: AG15942	Full Name: CD28 molecule	$K_{on} = 2.22 \times 10^5M$
	Calculated MW: 220 aa, 25 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
Human

Product Information

83032-2-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.

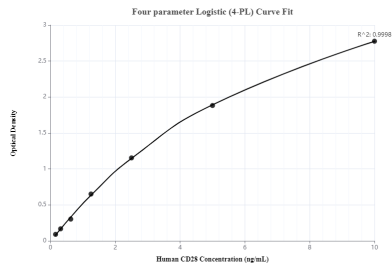
Storage

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
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 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