

For Research Use Only

CD44 Recombinant antibody, PBS Only (Detector)

Catalog Number: 82188-4-PBS



Basic Information

Catalog Number: 82188-4-PBS	GenBank Accession Number: BC004372	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 960	CloneNo.: 230326G9
Source: Rabbit	ENSEMBL Gene ID: ENSG00000026508	
Isotype: IgG	UNIPROT ID: P16070	
Immunogen Catalog Number: AG8143	Full Name: CD44 molecule (Indian blood group)	
	Calculated MW: 742 aa, 82 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

82188-4-PBS targets CD44 as part of a matched antibody pair:

MP00033-1: 82188-3-PBS capture and 82188-4-PBS detection (validated in Sandwich ELISA)

MP00033-2: 82188-2-PBS capture and 82188-4-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

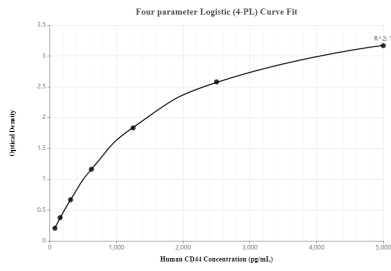
For technical support and original validation data for this product please contact:

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

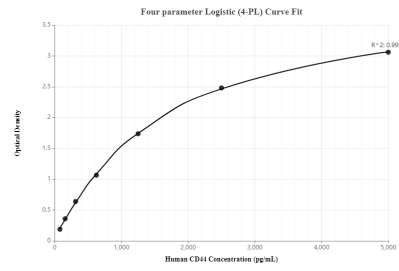
E: proteintech@ptglab.com
W: ptglab.com

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

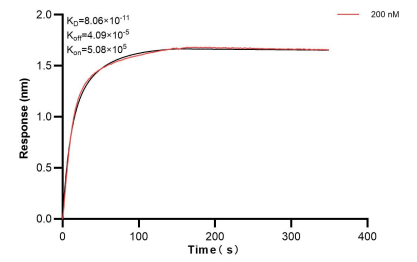
Selected Validation Data



Sandwich ELISA standard curve of MP00033-1, CD44 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82188-3-PBS. Detection antibody: 82188-4-PBS. Standard: Ag8143. Range: 78-5000 pg/mL.



Sandwich ELISA standard curve of MP00033-2, CD44 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82188-2-PBS. Detection antibody: 82188-4-PBS. Standard: Ag8143. Range: 78-5000 pg/mL.



Bi-layer interferometry (BLI) kinetic assay of 82188-4-PBS against Human CD44 was performed. The affinity constant is 80.6 pM.