

For Research Use Only

BTC Recombinant antibody, PBS Only (Capture)

Catalog Number: 83040-3-PBS



Basic Information

Catalog Number: 83040-3-PBS	GenBank Accession Number: BC011618	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 685	CloneNo.: 230331H6
Source: Rabbit	UNIPROT ID: P35070	Affinity: $K_D = 1.77 \times 10^{-9}M$
Isotype: IgG	Full Name: betacellulin	$K_{off} = 2.71 \times 10^{-4}M$
Immunogen Catalog Number: AG26724	Calculated MW: 20 kDa	$K_{on} = 1.53 \times 10^5M$

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
Human

Product Information

83040-3-PBS targets BTC as part of a matched antibody pair:

MP00138-1: 83040-3-PBS capture and 83040-2-PBS detection (validated in Sandwich ELISA)

MP00138-2: 83040-3-PBS capture and 83040-1-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

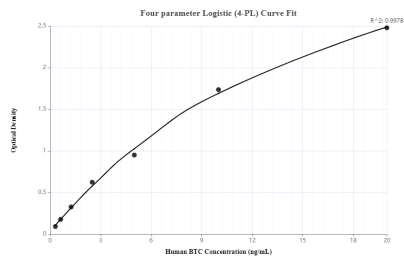
Storage:
Store at -80°C.

Storage Buffer:
100% PBS pH 7.3

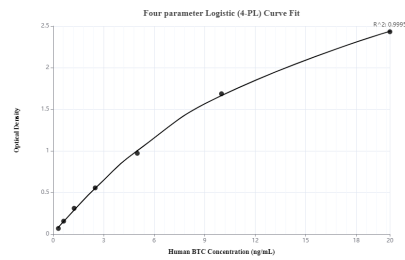
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 MP00138-1, BTC Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83040-3-PBS. Detection antibody: 83040-2-PBS. Standard: Ag26724. Range: 0.313-20 ng/mL



Sandwich ELISA standard curve of MP00138-2, BTC Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83040-3-PBS. Detection antibody: 83040-1-PBS. Standard: Ag26724. Range: 0.313-20 ng/mL