

For Research Use Only

# BTC Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00138-1

## Capture Antibody Information

**Catalog Number:**  
83040-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230331H6  
**Reactivity:**  
Human  
**GenBank:**  
BC011618  
**Immunogen Catalog Number:**  
Ag26724

**Conjugate:**  
Unconjugated  
**Full name:**  
betacellulin  
**Gene ID:**  
685  
**Affinity:**  
 $K_D = 1.77 \times 10^{-9}$   
 $K_{Off} = 2.71 \times 10^{-4}$   
 $K_{On} = 1.53 \times 10^5$

## Detection Antibody Information

**Catalog Number:**  
83040-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230331D12  
**Reactivity:**  
Human  
**GenBank:**  
BC011618  
**Immunogen Catalog Number:**  
Ag26724

**Conjugate:**  
Unconjugated  
**Full name:**  
betacellulin  
**Gene ID:**  
685

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.313-20 ng/mL (Sandwich ELISA)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00138-1 targets BTC in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: BTC Recombinant antibody, PBS Only (Capture) 83040-3-PBS (230331H6). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: BTC Recombinant antibody, PBS Only (Detector) 83040-2-PBS (230331D12). 100  $\mu$ g. Concentration 1 mg/mL.

Alternative BTC matched antibody pairs: MP00138-2

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized 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:

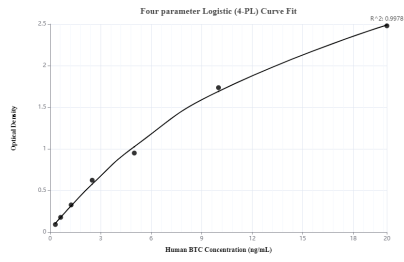
T: 4006900926

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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