

For Research Use Only

# BTC Monoclonal antibody, PBS Only

Catalog Number: 66683-1-PBS



## Basic Information

Catalog Number: 66683-1-PBS	GenBank Accession Number: BC011618	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 685	CloneNo.: 2H5E8
Source: Mouse	UNIPROT ID: P35070	
Isotype: IgG1	Full Name: betacellulin	
Immunogen Catalog Number: AG26724	Calculated MW: 20 kDa	
	Observed MW: 20 kDa	

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
Human

## Background Information

Betacellulin (BTC), a member of the epidermal growth factor (EGF) family, binds and activates ErbB1 and ErbB4 homodimers. BTC is synthesized primarily as a transmembrane precursor, which is then processed to mature molecule by proteolytic events. This protein is a ligand for the EGF receptor. BTC was expressed in tumors and involved in tumor growth progression.

## Storage

Storage:  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
PBS Only

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

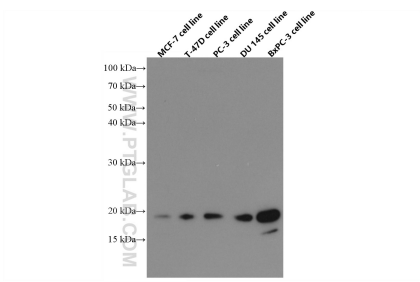
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66683-1-Ig (BTC antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66683-1-PBS in a different storage buffer formulation.