

For Research Use Only

Betacellulin Monoclonal antibody, PBS Only

Catalog Number: 66683-1-PBS



Basic Information

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|--------------------------------------|---------------------------------------|--|
| Catalog Number: 66683-1-PBS | GenBank Accession Number: BC011618 | Purification Method: Protein G purification |
| Concentration: 1mg/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:

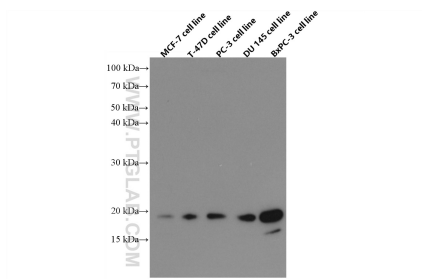
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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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.