

# Product Datasheet

## Betacellulin/BTC Antibody

### H0000685-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00000685-D01P**

Betacellulin/BTC Antibody

| Product Information  |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 mg   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>     | Polyclonal   |
| <b>Preservative</b>  | No Preservative  |
| <b>Isotype</b>       | IgG  |
| <b>Purity</b>        | Protein A purified   |
| <b>Buffer</b>        | PBS (pH 7.4)   |

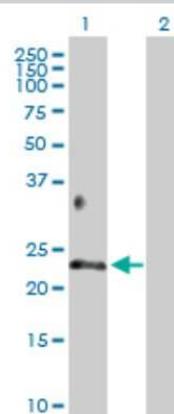
| Product Description            |  |
|--------------------------------|--|
| <b>Description</b>             | Quality control test: Antibody reactive against mammalian transfected lysate.  |
| <b>Host</b>                    | Rabbit   |
| <b>Gene ID</b>                 | 685  |
| <b>Gene Symbol</b>             | BTC  |
| <b>Species</b>                 | Human  |
| <b>Specificity/Sensitivity</b> | BTC - betacellulin,  |
| <b>Immunogen</b>               | BTC (NP_001720.1, 1 a.a. - 178 a.a.) full-length human protein.<br>MDRAARCSGASSLPLLLALALGLVILHCVVADGNSTRSPETNGLLCGDPEENC<br>AATTTQSKRKGFHSRCPKQYKHYCIKGRCRFVVAEQTPSCVCDEGYIGARCER<br>VDLFYLRGDRGQILVICLIAMVVFILVIGVCTCCHPLRKRKRKKKEEEMETLG<br>KDITPINEDIEETNIA |
| <b>Notes</b>                   | This product is produced by and distributed for Abnova, a company based in Taiwan.   |

| Product Application Details  |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Proximity Ligation Assay  |
| <b>Recommended Dilutions</b> | Western Blot, Proximity Ligation Assay  |
| <b>Application Notes</b>     | Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control. |

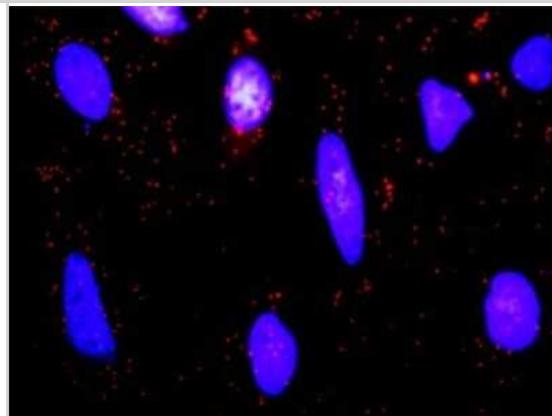


## Images

Western Blot: Betacellulin/BTC Antibody [H00000685-D01P] - Analysis of BTC expression in transfected 293T cell line by BTC polyclonal antibody. Lane 1: BTC transfected lysate (19.70 KDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: Betacellulin/BTC Antibody [H00000685-D01P] - Analysis of protein-protein interactions between BTC and ERBB2. HeLa cells were stained with anti-BTC rabbit purified polyclonal 1:1200 and anti-ERBB2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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