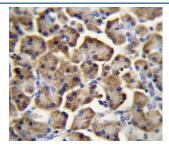


# **Betacellulin Antibody / BTC (F54607)**

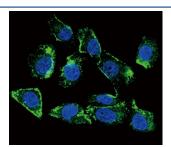
Catalog No.	Formulation	Size
F54607-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54607-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

# **Bulk quote request**

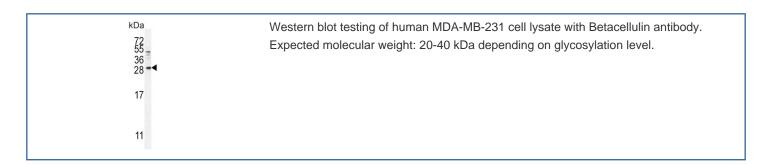
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P35070
Applications	Immunofluorescence : 1:25 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This Betacellulin antibody is available for research use only.

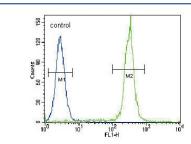


IHC testing of FFPE human pancreas tissue with Betacellulin antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human MDA-MB-231 cells with Betacellulin antibody (green) and DAPI nuclear stain (blue).





Flow cytometry testing of human HeLa cells with Betacellulin antibody; Blue=isotype control, Green= Betacellulin antibody.

## **Description**

Growth factor that binds to EGFR, ERBB4 and other EGF receptor family members. Potent mitogen for retinal pigment epithelial cells and vascular smooth muscle cells. [UniProt]

#### **Application Notes**

The stated application concentrations are suggested starting points. Titration of the Betacellulin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

### **Immunogen**

A portion of amino acids 17-45 from the human protein was used as the immunogen for the Betacellulin antibody.

#### **Storage**

Aliquot the Betacellulin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.