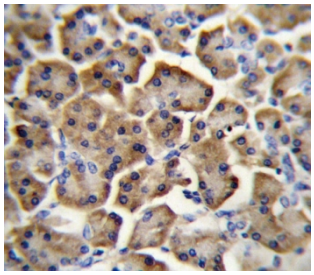
Betacellulin Antibody / BTC (F54607)

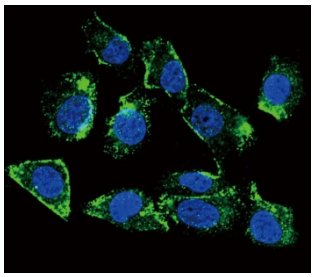
Catalog No.	Formulation	Size
F54607-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54607-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

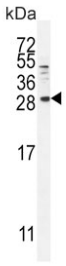
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P35070
Applications	Immunofluorescence: 1:25 Flow cytometry: 1:25 (1x10e6 cells) Immunohistochemistry (FFPE): 1:25 Western blot: 1:500-1:2000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



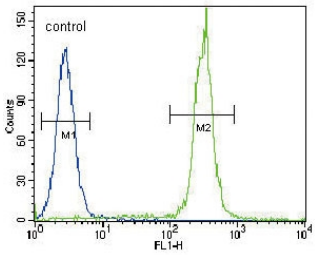
IHC testing of FFPE human pancreas tissue with Betacellulin antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



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



Western blot testing of human MDA-MB-231 cell lysate with Betacellulin antibody. Expected molecular weight: 20-40 kDa depending on glycosylation level.



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.

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