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12-90499: Anti-BTC antibody(1F4), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	1F4
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	BTC
Uniprot ID :	P35070
Alternative Name :	Betacellulin
Isotype :	Rabbit IgG

Description

This gene encodes a member of the epidermal growth factor (EGF) family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the secreted growth factor. A secreted form and a membrane-anchored form of this protein bind to multiple different EGF receptors. This protein promotes pancreatic cell proliferation and insulin secretion, as well as retinal vascular permeability. Mutations in this gene may be associated with type 2 diabetes in human patients. [provided by RefSeq, Nov 2015]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Application Note

Flow Cyt 1/100

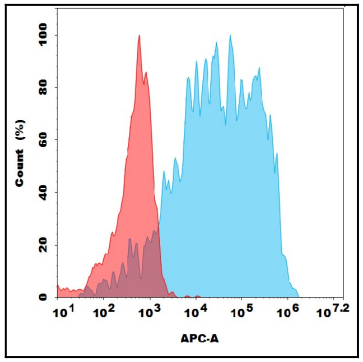

Figure 1. Flow cytometry analysis with 2µg/mL Anti-BTC (1F4) mAb on HEK293 cells transfected with human BTC (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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