

PRODUCT INFORMATION

Clone ID	1F4
Target	BTC
Synonyms	Betacellulin
Host Species	Rabbit
Description	Anti-BTC antibody(1F4), Rabbit mAb
Delivery	In Stock
Uniprot ID	P35070
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1/100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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).
Background	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]
Usage	Research use only
Conjugate	Unconjugated



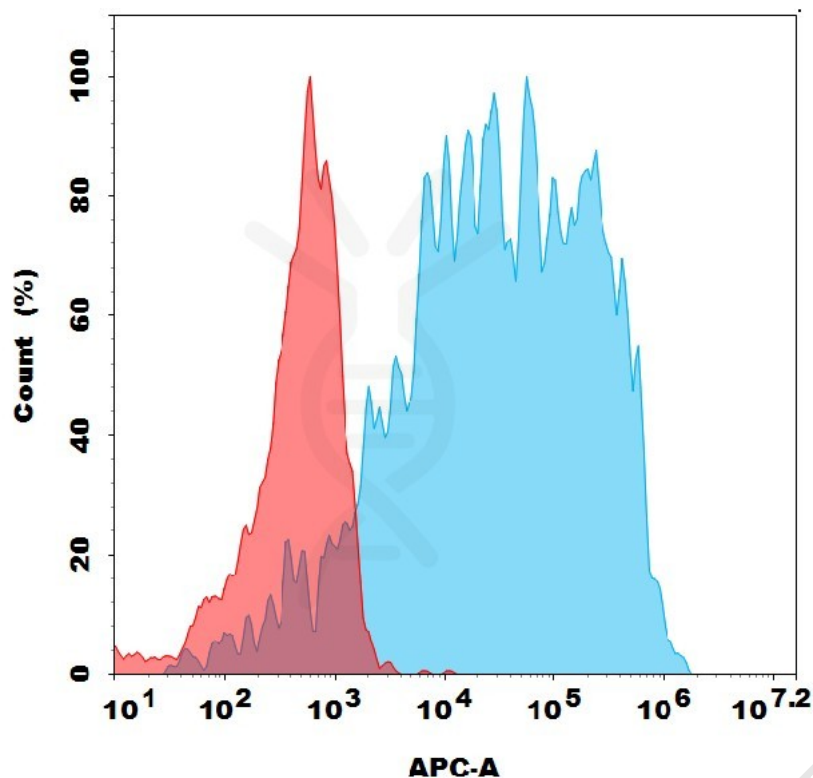


Figure 1. Flow cytometry analysis with 2 $\mu$ g/mL Anti-BTC (1F4) mAb on HEK293 cells transfected with human BTC (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

