

BTC rabbit monoclonal antibody

Catalog # H00000685-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human BTC peptide using ARM Technology.
Immunogen	A synthetic peptide of human BTC is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human BTC peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — BTC

Entrez GeneID	685
GeneBank Accession#	BTC
Gene Name	BTC
Gene Alias	-
Gene Description	betacellulin
Omim ID	600345
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the EGF family of growth factors. It is synthesized primarily as a transmembrane precursor, which is then processed to mature molecule by proteolytic events. This protein is a ligand for the EGF receptor. [provided by RefSeq]
Other Designations	OTTHUMP00000160600

Pathway

- [ErbB signaling pathway](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)