

bs-12864R**[Primary Antibody]**

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Beta cellulin Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: (predicted: Human)
GeneID: 685		
Target: Beta cellulin		
Immunogen: KLH conjugated synthetic peptide derived from human Betacellulin: 1-100/178. < Extracellular >		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 9/17 kDa
Background: Betacellulin (BTC), a member of the epidermal growth factor (EGF) family, was originally identified as a growth-promoting factor in the conditioned medium of a mouse pancreatic-cell carcinoma (insulinoma) cell line and has since been identified in humans. BTC is synthesized as a large transmembrane precursor molecule that can be cleaved proteolytically to release the soluble form of BTC or function as membrane-anchored growth factors in juxtacrine signaling. BTC, in addition to stimulating homodimers of ErbB-1 and ErbB-4, is capable of binding and activating all possible combinations of heterodimeric ErbB receptors including the oncogenic ErbB-2/ErbB-3 complex. BTC is also expressed in some human malignancies and may have an important role in tumor growth progression.		Subcellular Location: Secreted ,Extracellular matrix ,Cell membrane

— SELECTED CITATIONS —

- **[IF=4.994]** Ma S et al. ErbB3 Ligand Heregulin1 Is a Major Mitogenic Factor for Uncontrolled Lung Cancer Cell Proliferation.Neoplasia. 2019 Apr;21(4):343-352. IHC ;Mouse. 30831376