



Mouse anti-Human BTD monoclonal antibody, clone 4C213C4 (CABT-B9867)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	BTD (AAH12099, 1 a.a. ~ 544 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	4C213C4
Conjugate	Unconjugated
Applications	WB, IP, sELISA, ELISA
Sequence Similarities	MAHAHQGGRRAKSRFVVCIMSGARSKLALFLCGCYVVALGAHTGEESVADHHEAEYYVA AVYEHPSILSLNPLALISRQEALMNQNLDIYEQQVMTAAQKDVQIIVFPEDGIHGFNF TRTSIYPFLDFMPSPQVVRWNPCLEPHRFNDTEVLQRLSCMAIRGDMFLVANLGTKEPCH SSDPRCPKDGRYQFNTNVFSNNGLVDYRKHNLYFEAAFDVPLKVDLITFDTPFAGRF GIFTCFDILFFDPAI
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction The protein encoded by this gene functions to recycle protein-bound biotin by cleaving biocytin (biotin-epsilon-lysine), a normal product of carboxylase degradation, resulting in regeneration of free biotin. The encoded protein has also been shown to have biotinyl transferase activity. Mutations in this gene are associated with biotinidase deficiency. Multiple transcript variants encoding different isoforms have been described. [provided by RefSeq, Aug 2013]

Keywords BTD; biotinidase; biotinase;

GENE INFORMATION

Entrez Gene ID	686
UniProt ID	P43251
Pathway	Biotin metabolism, organism-specific biosystem; Biotin metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Vitamin digestion and absorption, organism-specific biosystem; Vitamin digestion and absorption, conserved biosystem
Function	biotin carboxylase activity; biotinidase activity