

Datasheet

BTD monoclonal antibody (M01), clone 3B10-2B3

Catalog Number: H00000686-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant BTD.

Clone Name: 3B10-2B3

Immunogen: BTD (AAH12099, 1 a.a. ~ 543 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MAHAHIQGGRRRAKSRFVVCIMSGARSKLALFLCGCYV
VALGAHTGEESVADHHEAEYYVAAVYEHPSILSLNPLA
LISRQEALMLNQNLDIYEQQVMTAAQKDVQIIVFPED
GIHGFNFTRTSIYPFLDFMPSPQVVRWNPCLEPHRFN
DTEVLQRLSCMAIRGDMFLVANLGTKEPCHSSDPRCP
KDRYQFNTNVVFSNNGTLVDYRKHNLVFEAAFDVP
LKVDLITFDTPFAGRFGIFTCFDILFFPAIRVLRDYKVK
HVVYPTAWMNQLPLLAIEIQKAFVAFGINVLAANVH
HPVLGMTGSGIHTPLESFWYHDMENPKSHLIAQVAKN
PVGLIGAENATGETDPHSKFLKILSGDPYCEKDAQEV
HCDEATKWNVNAPPTFHSEMMYDNFTLVPVWGKEGY
LHVCSNGLCCYLLYERPTLSKELYALGVFDGLHTVHGT
YYIQVCALVRCGGLGFDTCGQEITEATGIFEFHLWGNF
STSYIFPLFLTSGMTLEVDPQLGWENDHYFLRKSRLSS
GLVTAALYGRLYERD

Host: Mouse

Reactivity: Human

Applications: ELISA, IP, S-ELISA, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.2

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 686

Gene Symbol: BTD

Gene Alias: -

Gene Summary: Biotinidase functions to recycle biotin in the body by cleaving biocytin (biotin-epsilon-lysine), a normal product of carboxylase degradation, resulting in regeneration of free biotin. Biotinidase has also been shown to have biotinyl-transferase activity. Defects in the biotinidase gene cause multiple carboxylase deficiency. [provided by RefSeq]