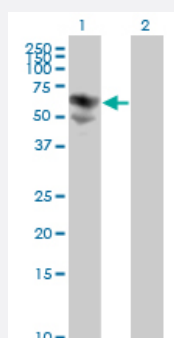


BTD monoclonal antibody (M01), clone 3B10-2B3

Catalog # H00000686-M01

Size 100 ug

Applications

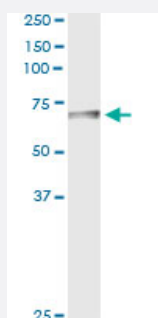


Western Blot (Transfected lysate)

Western Blot analysis of BTD expression in transfected 293T cell line by BTD monoclonal antibody (M01), clone 3B10-2B3.

Lane 1: BTD transfected lysate(61.1 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of BTD transfected lysate using anti-BTD monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with BTD MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (85.47 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant BTD.

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	MAHAHIQGGRRAKSRFVVCIMSGARSKLALFLCGCYVVALGAHTGEESVADHHEAEYYVAAYVE HPSILSLNPLALISRQEALQELMNQNLDIYEQQVMTAAQKDVQIVFPEDGIHGFNFTRTSYIPFLDFMP SPQVVRWNPCLEPHRFNDTEVLQRLSCMAIRGDMFLVANLGTKEPCHSSDPRCPKDGRYQFNT NVVFSNNGTLVDRYRKHNLIFEAAFDVPLKVDLITFDTPFAGRFGIFTCFDILFFDPAIRVLRDYKVK HVYPTAWMNQLPLLAIEIQKAFVAFAFGINVLAANVHHPVLGMTGSGIHTPLESFWYHDMENPKS HLIAQVAKNPVGLIGAENATGETDP SHSKFLKILSGDPYCEKDAQEVHCDEATKWNVNAPPTFHS EMMYDNFTLVPVWGKEGYLHVCSNGLCCYLLYERPTLSKELYALGVFDGLHTVHGTYIQVCALV RCGGLGFDTCGQEITEATGIFEHLWGNFSTSYIFPLFLTSGMTLEVDPQLGWENDHYFLRKSRLS SGLVTAALYGRLYERD
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (85.47 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of BTD expression in transfected 293T cell line by BTD monoclonal antibody (M01), clone 3B10-2B3.

Lane 1: BTD transfected lysate(61.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of BTD transfected lysate using anti-BTD monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with BTD MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — BTD

Entrez GeneID	686
GeneBank Accession#	BC012099
Protein Accession#	AAH12099
Gene Name	BTB
Gene Alias	-
Gene Description	biotinidase
Omim ID	253260 609019
Gene Ontology	Hyperlink
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]
Other Designations	-

Pathway

- [Biotin metabolism](#)
- [Metabolic pathways](#)

Disease

- [Metabolism](#)