



Anti-BDNF monoclonal antibody, clone 48230 (DCABY-3952)

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

PRODUCT INFORMATION

Antigen Description	View BDNF IHC images.
Specificity	Detects human BDNF in ELISAs. In sandwich ELISAs, no cross-reactivity or interference was observed with recombinant human (rh) GDNF, rh beta -NGF, rhNT-3, or rhNT-4.
Immunogen	S. frugiperda insect ovarian cell line Sf 21-derived recombinant human BDNF. Arg128-Arg247 Accession Number P23560
Isotype	IgG2A
Source/Host	Mouse
Species Reactivity	Human
Clone	48230
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 °C as supplied.

1 month from date of receipt, 2 to 8 °C, reconstituted.

6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	BDNF brain-derived neurotrophic factor [Homo sapiens (human)]
Official Symbol	BDNF
Synonyms	BDNF; brain-derived neurotrophic factor; ANON2; BULN2; abrineurin; neurotrophin;
Entrez Gene ID	627
Protein Refseq	NP_001137277
UniProt ID	P23560
Chromosome Location	11p13
Pathway	Alcoholism; BDNF signaling pathway; Cocaine addiction; FSH signaling pathway; Huntingtons disease; Integrated Pancreatic Cancer Pathway; MAPK signaling pathway; Neurotrophic factor-mediated Trk receptor signaling;
Function	growth factor activity; neurotrophin TRKB receptor binding;