

Catalog No. LF-MA0076

MONOCLONAL ANTIBODY



Anti-Diazepam Binding Inhibitor (20B10)

Background : Diazepam Binding Inhibitor (DBI) is a highly conserved 10 kDa polypeptide which is expressed in various species range from yeast to mammals. As an inverse agonist for benzodiazepine receptors, DBI downregulates inhibitory effects of GABA. It also has potential to induce anxiety. Found in central and peripheral tissues, DBI also participates in metabolism of steroids, which has been known to partially modify GABA_A receptor function in the CNS. In peripheral tissues, DBI plays regulatory roles in steroidogenesis. DBI levels have been reported to be decreased in the cerebrospinal fluid obtained from patients with Alzheimer disease.

Immunogen : Recombinant human GST-fusion protein purified from *E.coli*

Host : Mouse

Clone number : 20B10

Isotype : IgG1, k

Size : 100ul

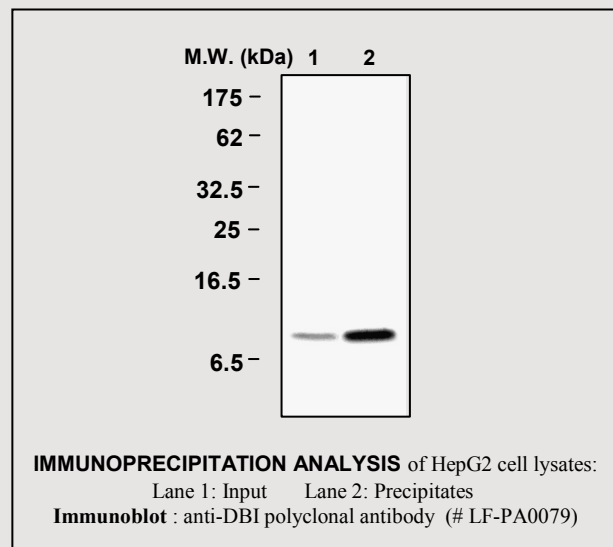
Composition : PBS containing 50% glycerol

Positive control : HepG2 cell lysates

Storage : Store for 1 year at -20°C from date of shipment

Species cross reactivity

Human	Mouse	Rat
+	-	-



Applications :

ELISA

Immunoprecipitation (1-2ul/400ul lysates)

Background Reference :

- 1) Shoyab, M. et al (1986) J. Biol. Chem. 261: 11968-11973
- 2) Gray, P.W. et al (1986) Proc. Nat. Acad. Sci. 83: 7547-7551
- 3) Ohkuma, S. et al (2001) Life Science 68: 1215-1222

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