



# AVISCERA BIOSCIENCE

## Mouse Anti Human Pro BDNF Monoclonal Antibody

### Product Information

Code	A00752-22-50B
Name	Anti Pro BDNF MAB
Clone No.	2B9
Lot No.	
Size	50 µg
Species	Human
Host	Mouse
Immunogen	Human Pro BDNF , rec.
Ab Type	IgG
Purification	Protein G
Formulation	Lyophilized Form without preservatives
Carry	Free
Storage	-20 ° C
Specificity	Human
Reconstitution	100 µl
Application	WB ELISA

### Preparation

This antibody was produced from a mouse immunized with purified recombinant human Pro BDNF. That antibody was purified by Protein G affinity and conjugated with water soluble biotin.

### Formulation

50 µg of Mouse anti human Pro BDNF Monoclonal Antibody in 50 µl of PBS lyophilized form.

### Reconstitution and Storage

Add 100 µl deionized water to the vial to prepare a antibody stocking solution (50 µg/100µL). Stores it at 4°C for a few days. For long term storage, the reconstituted antibody can also be aliquotted (by 10 µL per vial) and stored frozen at -20° C to -70° C in a **manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

### Specificity

This antibody has been selected for its ability to recognize recombinant human Pro BDNF on indirect ELISA and western blot. This monoclonal antibody does not cross-react with mature BDNF on elisa and western blot.

### Applications

**Indirect ELISA** - This antibody can be used at 0.5 ~ 1 µg/ml to detect recombinant human Pro BDNF (19-247) (HEK293 cells derived), human Pro BDNF (19-247) (*E. Coli* derived) and human Pro BDNF (19-128) (*E. Coli* derived) on indirectly ELISA.

**Western Blot**-That Antibody can be used at 2 ~4 µg/ml with the appropriate Streptavidin HRP to detect recombinant human Pro BDNF (HEK 293 cells derived), human Pro BDNF (19-247) (*E. Coli* derived) and Pro BDNF (19-128) (*E. Coli* derived) under reduce condition.

**ELISA**-This antibody can be used as capture antibody at 1~ 2 µg/ml combine with the appropriate detection antibody A00752-07-100 or A00752-11-100 to detect human Pro BDNF on elisa.

*Optimal dilutions should be determined by each laboratory for each application.*

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