



INNOGENETICS
A DIVISION OF BIOMERIEUX

INNOGENETICS N.V./S.A.
Technologiepark Zwijnaarde 6
B-9052 GENT (Belgium)

Tel: 32-9/329.12.01
Telefax: 32-9/245.76.15

BIOTINYLATED MONOCLONAL MOUSE ANTI-TAU, CLONE BT2

BR-021

New code: 90215

Immunoglobulin class	IgG1 κ
Clone	BT2
Mass/vial	50 μ g
Volume/vial	0.5 ml

FOR RESEARCH USE ONLY

Presentation

This mouse biotinylated monoclonal antibody to bovine tau is supplied in PBS, sterile filtered (0.22 μ m) and without addition of preservatives.

Source

Mouse myeloma SP2/0 cells were fused with spleen cells of a Balb/c mouse immunized intraperitoneally with purified bovine tau (1). This antibody has been purified from serum-free culture supernatant by protein G affinity chromatography.

Purity

The final product is more than 95% pure as determined by SDS-PAGE.

Applications

This antibody can be used in ELISA techniques (1).

Specificity

This antibody reacts with all species of normal tau from human, rat, monkey, and bovine brain. No cross-reaction with PHF-tau has been observed.

The epitope of this antibody has been mapped on human tau between residue 194 and 198*, corresponding to the amino acid sequence RSGYS.

Storage and stability

Biotinylated monoclonal mouse anti-tau, as shipped, is stable for at least six months when stored at 4°C.

This antibody should be diluted with PBS or medium containing a suitable carrier protein (e.g. 0.1 to 1% BSA). Failure to add carrier protein to diluted product will result in loss of activity.

* numbering according to human tau40 (2).

References

- (1) Mercken M, et al. J Neurochem 1992; 58:548-53.
- (2) Goedert M, et al. Neuron 1989; 3: 519-26.