



Prion Protein Monoclonal Antibody - SAF 84

Cat No: A03208 - 200 µg

General Data

Shipping: Dry Ice
Formulation: lyophilized IgG with BSA

Host: Mouse
Antigen: This anti Prion Protein Monoclonal Antibody was raised against a preparation of SAF (scrapie associated fibrils) from infected hamster brain.
Clone: SAF 84
Isotype: IgG2b



Application(s): Reconstitute the content of the vial in 1 mL of water.
For immunohistochemistry, the optimal working dilution must be determined empirically (currently between 0.1 and 1 µg/mL). For western blot analysis of PrPc, dilute the antibody to a final concentration of 1 µg/mL.

Specificity: PrPc
(+) Hamster, (+) Mouse, (+) Bovine, (+) Ovine, (-) Human

Product Overview

Prion Protein (PrP) and namely its abnormal isoform, partially resistant to proteinase K (PrP^{Sc}), is the only specific molecular marker of the Transmissible Spongiform Encephalopathies (TSEs) such as Bovine Spongiform Encephalopathie (BSE) or its human form, the New Variant of Creutzfeld-Jakob disease.

This antibody recognises the protein sequence within amino acids 160-170 (human numbering).

Scientific Literature

Demart S., et al. New Insight into Abnormal Prion Protein Using Monoclonal Antibodies. Biochemical and Biophysical Research Communications 265, 652-657 (1999).

FP/18/23

For research laboratory use only – Not for human diagnostic use.

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