



## Prion Protein Monoclonal Antibody - SAF 84

Cat No: A03208 - 200 µg

### General Data

<b>Shipping:</b>	Dry Ice
<b>Formulation:</b>	lyophilized IgG with BSA
<b>Host:</b>	Mouse
<b>Antigen:</b>	This anti Prion Protein Monoclonal Antibody was raised against a preparation of SAF (scrapie associated fibrils) from infected hamster brain.
<b>Clone:</b>	SAF 84
<b>Isotype:</b>	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 (PrPres), 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).

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