



## Prion Protein Monoclonal Antibody - SAF 32

Cat No: A03202 - 200 µg

### General Data

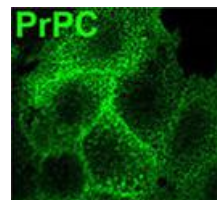
**Formulation:** lyophilized IgG with BSA

**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 32

**Isotype:** IgG2b



**Application(s):** Reconstitute the content of the vial in 1 mL of water.

For immunohistochemistry, EIA and flow cytometry, the optimal working must be determined empirically (currently between 0.1 and 1 µg/mL). For western blot analysis of PrPc, dilute to a final concentration of 1 µg/mL.

**Specificity:** (+) 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 octo-repeat region located in the N-terminal part of PrP.

### Scientific Literature

Haeberlé A.M. et al. Synaptic Prion Protein Immuno-Reactivity in the Rodent Cerebellum. *Microscopy research and Technique* 50:66-75 (2000).

Vincent B., et al. Phorbol Ester-regulated Cleavage of Normal Prion Protein in HEK293 Human Cells and Murine Neurons. *The journal of Biological Chemistry*. Vol. 275, No 45, Issue of November 10, pp.35612-35616 (2000).

FP/18/23

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Contact Bertin Bioreagent

Parc d'Activités du Pas du Lac  
10 bis avenue Ampère  
78180 Montigny le Bretonneux - France  
Tel.: +33 (0)139 306 036

<https://www.bertin-bioreagent.com/pa206/contact-us>  
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# Product Information



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