

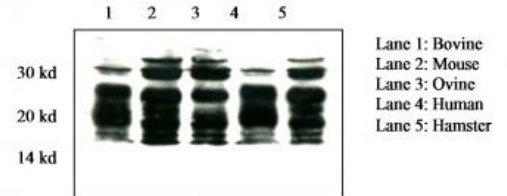


## Prion Protein Monoclonal Antibody - SAF 70

Cat No: A03206 - 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 70
<b>Isotype:</b>	IgG2b



**Application(s):** Reconstitute the content of the vial in 1 mL of water.  
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<sup>Sc</sup>), 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 142-160 (human numbering).

### Scientific Literature

Nishida N., et al. Successful Transmission of Three Mouse-Adapted Scrapie Strains to Murine Neuroblastoma Cell Lines Overexpressing Wild-Type Mouse Prion Protein. *Journal of Virology* 320-325 (January 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).

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

FP/14/23

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

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

Bertin Bioreagent does not make any other warranty or representation whatsoever whether expressed or implied, with respect to these products. In no event will Bertin Bioreagent be liable for incidental, consequential or punitive damages.

**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>  
<https://www.bertin-bioreagent.com>