# **Product Information**





## **Prion Protein Monoclonal Antibody - 11C6**

Cat No: A03212 - 200 Âμg

#### **General Data**

Shipping: Dry Ice

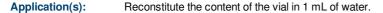
Formulation: Iyophilized IgG with BSA

Host: Mouse

Antigen: This anti-Prion Protein Monoclonal Antibody was raised

against an human recombinant protein.

Clone: 11C6 Isotype: IgG2a



For western blot analysis of PrPc, dilute to a final concentration of 1  $\mu$ g/mL and use BSA as blocking reagent. For EIA and flow cytometry, the optimal working must be determined

empirically (currently between 0.1 and 1 µg/mL).

Specificity: PrPc

(NA\*) Hamster, (+) Mouse, (NA\*) Bovine, (NA\*) 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 central part of the protein but it was not possible to identify a continuous epitope for this antibody.

### Scientific Literature

Féraudet C., et al. Screening of 145 Anti-PrP Monoclonal Antibodies for Their Capacity to Inhibit PrPSc Replication in Infected Cells. The journal of Biological Chemistry. Vol. 280. No. 12, March 25, pp. 11247-11258, 2005.

Selective and Efficient Immunoprecipitation of the Disease-associated Form of the Prion Protein Can Be Mediated by Nonspecific Interactions between Monoclonal Antibodies and Scrapie-associated Fibrils. The journal of Biological Chemistry. Vol. 279. No. 29, July 16, pp. 30143-30149, 2004.

FP/25/24

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Contact Bertin Bioreagent

Parc d'Activités du Pas du Lac
10 bis avenue AmpÃ"re
78180 Montigny le Bretonneux - France
Tel.: +33 (0)139 306 036
https://www.bertin-bioreagent.com/pa206/contact-us
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