Product Information





Prion Protein Monoclonal Antibody - BAR 233

Cat No: A03223 - 200 Âμg

General Data

Shipping: Dry Ice

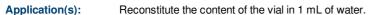
Formulation: Iyophilized IgG with BSA

Host: Mouse

Antigen: This anti-Prion Protein Monoclonal Antibody was raised

against an ovine recombinant protein.

Clone: BAR233 Isotype: IgG2b



For western blot analysis of PrPc, dilute to a final concentration of 1 μ 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, (+) 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 141-152 (human numbering).

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/18/24

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