Product Information

Prion Protein Monoclonal Antibody - 12F10
Cat No: A03221 - 200 µg

General Data

**Shipping:** Dry Ice

**Stability:** Store at -20 degrees; shelf life 2 years maximum after production

**Formulation:** lyophilized IgG with BSA

**Host:** Mouse

**Antigen:** This anti-Prion Protein Monoclonal Antibody was raised against a human recombinant protein.

**Clone:** 12F10

**Isotype:** IgG2a

**Label:** Labelling upon request

**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

**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 Encephalopathy (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


Krasemann S. et al. Induction of antibodies against human prion pr...
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For research laboratory use only - Not for human diagnostic use.

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