

Anti-Prion Protein [110] Standard Size Ab00341-11.3

Recombinant monoclonal antibody to Prion Protein. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma 110. This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Human IgG2, [Fc Silent™](#), Kappa

Clone Number: 110

Alternative Name(s) of Target: PrP; ASCR; CD-Antigen

UniProt Accession Number of Target Protein: P04156

Published Application(s): WB, ELISA, IHC

Published Species Reactivity: Human

Immunogen: Recombinant mouse scrapie-Prion protein residues 23-231 (rMoPrP23-231).

Specificity: Binds human PrP residues 83-89.

Application Notes: This antibody recognises and binds to residues 83-89 of PrP. High Levels of PrP (Prion Protein) are found in the brain of humans and animals that are infected with transmissible spongiform encephalopathies such as Creutzfeld-Jakob disease (CJD), Gerstmann-Straussler disease in humans or bovine spongiform encephalopathy (BSE) in cattle.

Antibody First Published in: Kim et al. 2004 Antigenic characterization of an abnormal isoform of prion protein using a new diverse panel of monoclonal antibodies. *Virology*. 2004; 320(1):40-51

[PMID:15003861](#)

Note on publication: Describes the generation of several monoclonal antibodies against PrP by immunising PrP gene-ablated mice with the pathogenic form of PrP

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.