Anti-Prion Protein [110] Bulk Size Ab00341-11.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original mouse IgG2a format for improved compatibility with existing reagents, assays and techniques.

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 is 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: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4ºC for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20ºC.
Concentration:

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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.