Anti-Prion Protein [31C6] Standard Size Ab00340-10.3

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 IgG1 format for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa
Clone Number: 31C6
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 143-149.
Application Notes: This is antibody recognises and binds to residues 143-149 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 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
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.