

Anti-human prion protein **mab 5C4**

Catalogue number	Package size
0102001201	100 µg
0102001203	1 mg

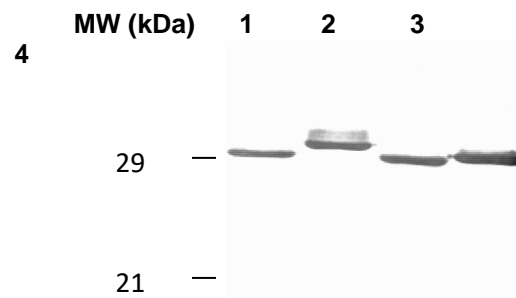
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Product:	monoclonal antibody
Clone:	5C4
Host:	mouse
Isotype:	IgG1 _k
Immunogen:	recombinant human prion protein
Specificity:	human prion protein aa PPQGGGGWGQPH (octarepeats)
Purification:	purified by affinity chromatography
Purity:	> 95% by SDS-PAGE
Solution:	PBS pH 7.4 without additives
Storage:	at -20 °C (repeated thawing and freezing should be avoided)
Applications:	ELISA, Western Blot (see figure below)
Dilution:	1-5 ng/ml in ELISA, 1 µg/ml in Western Blot
Reactivity:	prion protein from human, cattle, sheep and deer

Figure

Recombinant prion proteins from human (1), cattle (2), sheep (3) and deer (4) were separated by SDS-PAGE under reducing conditions and blotted on nitrocellulose membrane.

NC membrane was incubated by 2 µg/ml of mab 5C4. Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG/M antibody (ZYMED) and H₂O₂/TMB substrate solution. Mab 5C4 reacted specifically with all prion proteins.



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