

Anti-human prion protein **mab 1E2**

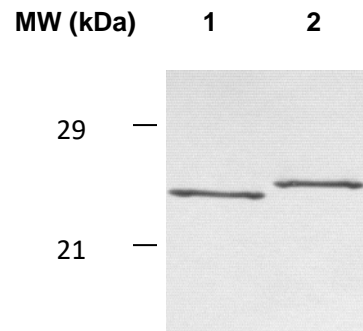
Catalogue number	Package size
0102001301	100 µg
0102001303	1 mg

For research use only.

Product:	monoclonal antibody
Clone:	1E2
Host:	mouse
Isotype:	IgG1 _k
Immunogen:	recombinant human prion protein
Specificity:	human prion protein aa GSDYEDRYR
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:	1-10 ng/ml in ELISA, 1-2 µg/ml in Western Blot
Reactivity:	prion protein from human and cattle

Figure

Recombinant human (1) and bovine (2) prion proteins were separated by SDS-PAGE under reducing conditions and blotted on nitrocellulose membrane. NC membrane was incubated by 1 µg/ml of mab 1E2. Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG/M antibody (ZYMED) and H₂O₂/TMB substrate solution. Mab 1E2 reacted specifically with both prion proteins.



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