

Anti-bovine prion protein mab 3B8

Catalogue number	Package size
0102001001	100 µg
0102001003	1 mg

For research use only.

Product:	monoclonal antibody
Clone:	3B8
Host:	mouse
Isotype:	IgG1 _k
Immunogen:	recombinant bovine prion protein
Specificity:	conformational epitope of bovine prion protein containing sequences GSDYEDRY and YRPVDQ
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:	4 ng/ml in ELISA, 10 µg/ml in Western Blot
Reactivity:	bovine and ovine prion protein, PrP ^{res}

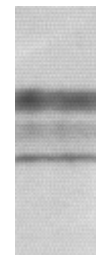
Figure

Native bovine prion protein from brain (*M. oblongata*) was separated by SDS-PAGE under reducing conditions and blotted on nitrocellulose membrane. NC membrane was incubated by 4 µg/ml of mab 3B8. Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG/M antibody (ZYMED) and H₂O₂/TMB substrate solution. Mab 3B8 reacted specifically with bands of PrP^c.

MW (kDa)

29 —

21 —



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