

Anti-bovine prion protein mab 3E7

Catalogue number	Package size
0102000901	100 µg
0102000903	1 mg

For research use only.

Product:	monoclonal antibody
Clone:	3E7
Host:	mouse
Isotype:	IgG1 _k
Immunogen:	recombinant bovine prion protein
Specificity:	bovine prion protein aa IHFGSD
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:	2 ng/ml in ELISA, 5 µg/ml in Western Blot
Reactivity:	bovine, human and ovine prion protein, PrP ^{res}

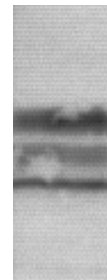
Figure

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 1 µg/ml of mab 3E7. Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG/M antibody (ZYMED) and H₂O₂/TMB substrate solution. Mab 3E7 reacted specifically with bands of PrP^c.

MW (kDa)

29 —

21 —



Roboscreen GmbH
 Hohmannstraße 7
 04129 Leipzig • Germany

CEO
 Dr. Ingolf Lachmann

Phone: +49 341 989 734 0
 Fax: +49 341 989 734 199
info@roboscreen.com
www.roboscreen.com

Ust-IdNr. DE 813064314
 County Court Leipzig
 HRB 17503
 Leipzig