

### *Anti-human prion protein mab 5B9*

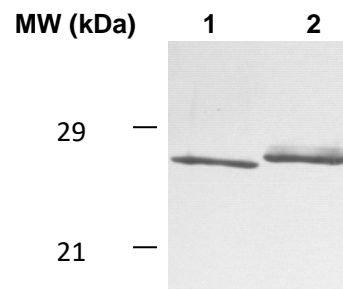
Catalogue number	Package size
0102001601	100 µg
0102001603	1 mg

*For research use only.*

<b>Product:</b>	monoclonal antibody
<b>Clone:</b>	5B9
<b>Host:</b>	mouse
<b>Isotype:</b>	IgG1 <sub>k</sub>
<b>Immunogen:</b>	recombinant human prion protein
<b>Specificity:</b>	human prion protein aa MHRYPNQVYY
<b>Purification:</b>	purified by affinity chromatography
<b>Purity:</b>	> 95% by SDS-PAGE
<b>Solution:</b>	PBS pH 7.4 without additives
<b>Storage:</b>	at -20 °C (repeated thawing and freezing should be avoided)
<b>Applications:</b>	ELISA, Western Blot (see figure below)
<b>Dilution:</b>	1-10 ng/ml in ELISA, 2 µg/ml in Western Blot
<b>Reactivity:</b>	bovine and human prion protein

#### 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 2 µg/ml of mab 5B9. Bound antibody was detected using horseradish peroxidase conjugated goat anti-mouse IgG/M antibody (ZYMED) and H<sub>2</sub>O<sub>2</sub>/TMB substrate solution. Mab 5B9 reacted specifically with both prion proteins.



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