

## Anti-PRNP antibody [3F4] (STJA0005545)

STJA0005545

### GENERAL INFORMATION

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Prion Protein is suitable for use in Western Blot and Immunohistochemistry research applications.
<b>Applications</b>	WB/IHC
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	3F4
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Antigen Affinity Purified
<b>Dilution</b>	WB 1:1000
<b>Range</b>	IHC 1:100
<b>Formulation</b>	PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol
<b>Isotype</b>	IgG2a
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	<a href="#">5621</a>
<b>Gene Symbol</b>	<a href="#">PRNP</a>
<b>Uniprot ID</b>	<a href="#">PRIO_HUMAN</a>
<b>Immunogen</b>	Clone 3F4 was generated from a synthetic peptide taken from amino acids in the central region of human prion protein. This sequence is conserved in feline and hamster, but is less conserved in rat and mouse Prion protein.
<b>Immunogen Region</b>	
<b>Specificity</b>	The antibody detects endogenous prion protein in human PC3 and A431 cell lines. In addition, the antibody strongly detects human recombinant Prion protein, and weakly detects bovine recombinant Prion protein.
<b>Immunogen Sequence</b>	