

**Prion Protein monoclonal antibody**

Catalog: MB11455

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

The PRNP gene encodes the major prion protein (PrP, CD230), a widely-expressed glycoprotein expressed at high levels in the central nervous system. While the typical cellular function of PrP is not well defined, it is a putative antioxidant and a metal-binding protein that may be involved in signal transduction.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 28 kDa; Observed MW: 28 kDa

**Swiss-Prot:**

P04156

**Purification&Purity:**

Affinity Purified

**Applications:**

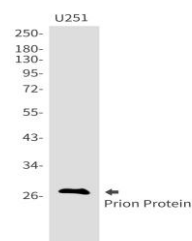
WB: 1/500-1/1000 IHC: 1/50-1/100

**Storage&Stability:**

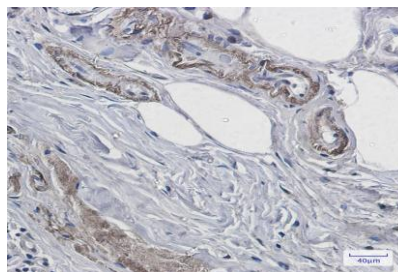
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of Prion Protein in U251 lysates using Prion Protein antibody.



Western blot analysis of Prion protein in rat Brain and mouse Brain lysates using Prion Protein antibody.

Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Prion Protein antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note:**

For research use only, not for use in diagnostic procedure.

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