

Anti-Prion Protein Recombinant Rabbit Monoclonal Antibody



Catalog #: 1122

Aliases

PRNP; Prion Protein; AltPrP; CD230; PRIP; PRP; Alternative Prion Protein; Major Prion Protein; CD230 Antigen; PrP33-35C; PrP27-30; P27-30; ALTPRP; ASCR; CJD; GSS; PrP; Gerstmann-Strausler-Scheinker Syndrome; Creutzfeldt-Jakob Disease; Fatal Familial Insomnia; Prion Protein (P27-30); Prion-Related Protein; KURU; PrPc

Background

Gene Name: PRNP

NCBI Gene Entry: [5621](#)

UniProt Entry: [P04156](#)

Application Information

Molecular Weight: Predicted, 28 kDa; observed, 20-37 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB1945

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Prion Protein

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

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SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

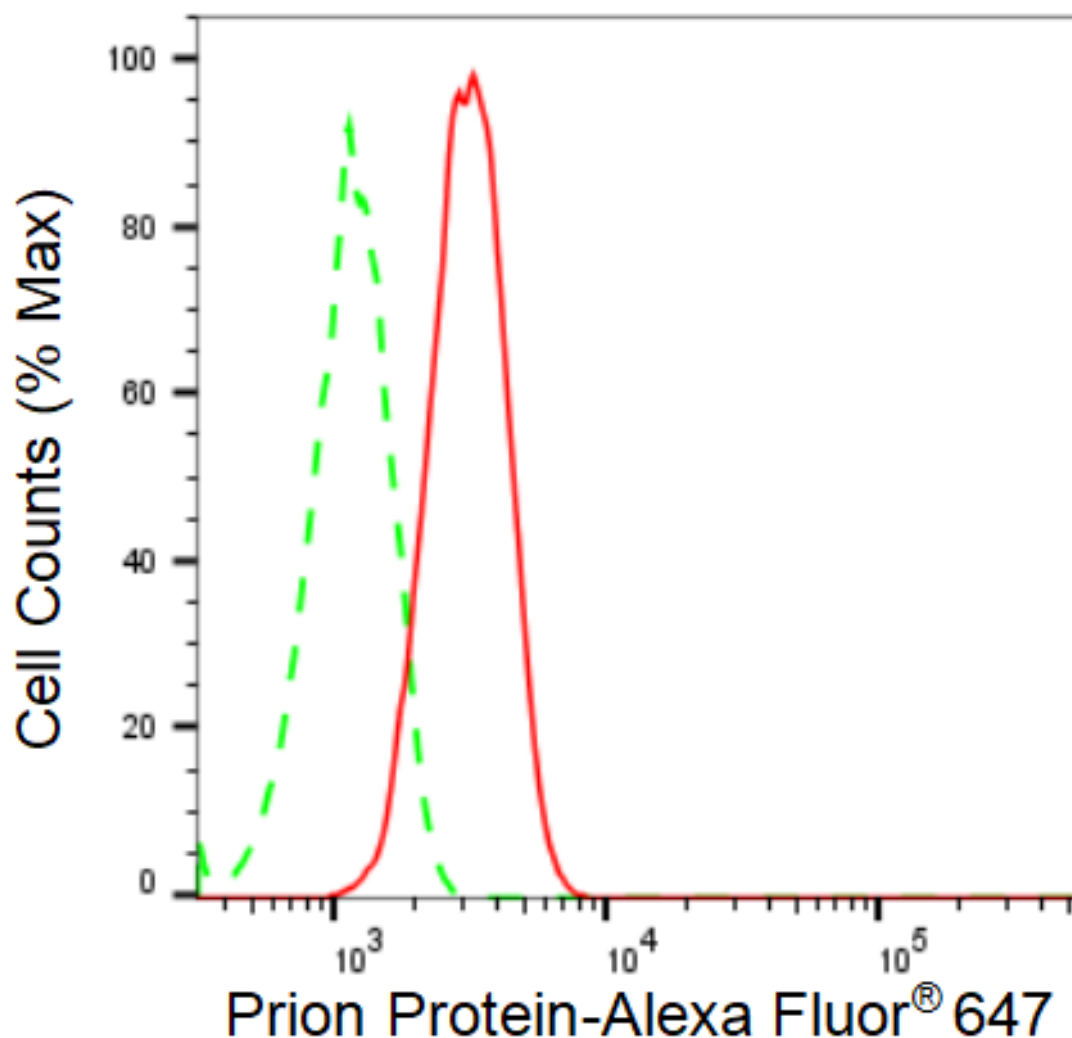
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Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of Prion Protein expression in HT-1080 cells using anti-Prion Protein antibody (Cat#1122, 1:2,000). Green, isotype control; red, Prion Protein.

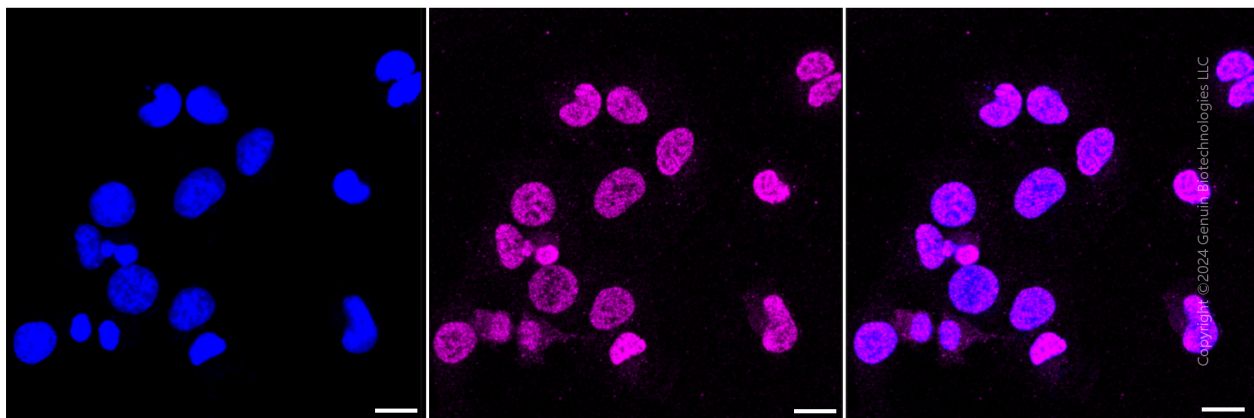
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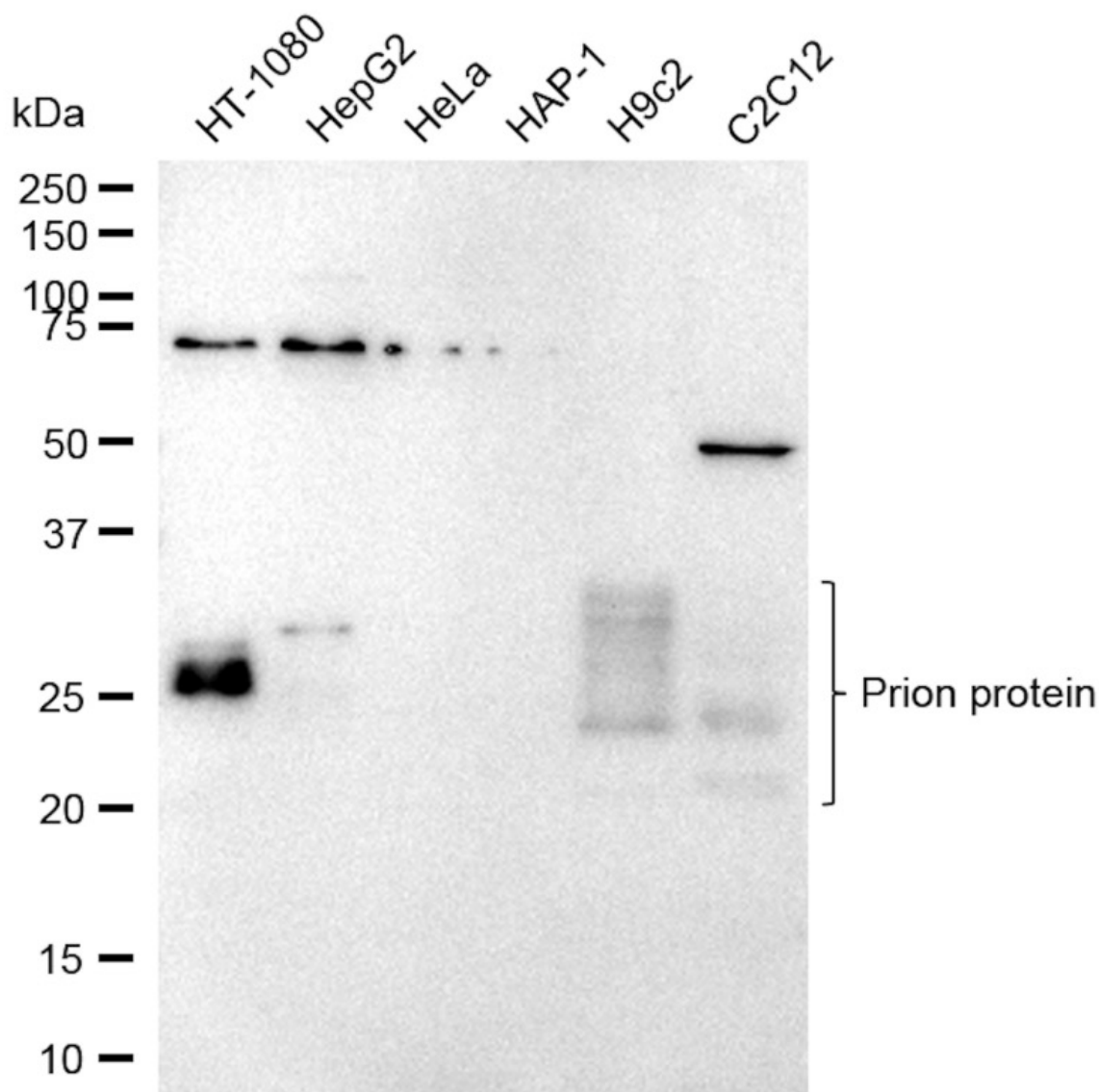
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Immunocytochemical staining of HT-1080 cells with Prion Protein antibody (Cat#1122, 1:1,000). Nuclei were stained blue with DAPI; Prion Protein was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-Prion Protein antibody (Cat#1122). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Prion Protein antibody (Cat#1122, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).