

Antibody Diluent

Key Features

Enhanced Antibody Stability and Performance

Antibodies diluted with this formulation can be stored at 4°C for up to 6 months without repeated freeze-thaw cycles.

High Versatility

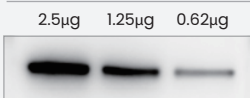
No cross-reactivity with antibodies or target proteins, provides a higher signal-noise ratio compared to non-fat milk or BSA. Suitable for phosphoproteins detection.

Cat. No.	Size
BM3153 -100	100 mL
BM3153 -500	500 mL

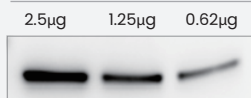
Suitable for Western blot, Immunofluorescence and Immunohistochemistry

1

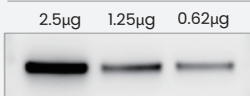
Diluted primary antibody was stored at 4°C for 10 days



Diluted primary antibody was stored at 37°C for 10 days



Diluted secondary antibody was stored at 4°C for 10 days



Diluted secondary antibody was stored at 37°C for 10 days

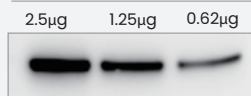


Fig1. Accelerated stability testing of the primary and HRP-conjugated secondary antibodies dilution with YamayBio Antibody Diluent (Cat.NO.: BM3153).

a. Rabbit anti-GAPDH primary antibody and b. Goat anti-Rabbit IgG(H + L), HRP-conjugated secondary antibody were diluted 1:5000. Diluted antibodies were stored at 4°C and 37°C for 14 days to Western Blot analysis.

Bands obtained from antibodies stored at 37°C were comparable to those stored at 4°C, demonstrating excellent stability.

2

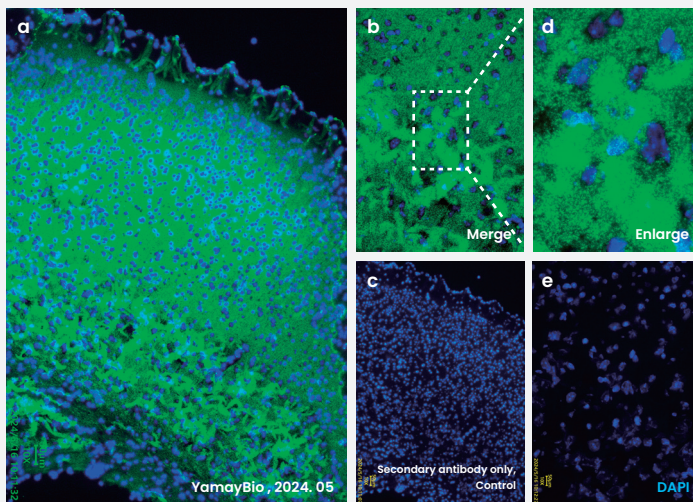


Fig2. Immunofluorescence staining for PSD95 in mouse brain sections using primary antibody diluted 1:100 in antibody diluent and secondary antibody diluted 1:1000.

3

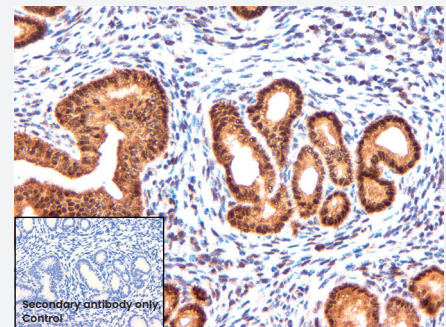


Fig3. Formalin-fixed, paraffin-embedded mouse uterine sections were subjected to immunohistochemical staining for ER alpha. Primary antibodies were diluted in Antibody Diluent prior to incubation.