Supplementary Data

High-Affinity Rabbit Monoclonal Antibodies Specific for Amyloid Peptides Amyloid-β_{40} and Amyloid-β_{42}

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Supplementary Figure S1. Paraffin sections from the cornu Ammonis of 62-year-old DS male diagnosed with AD immunostained with rabbit RabmAb40 (A) or RabmAb42 (B). Numerous Aβ-positive fibrillar plaques show characteristic cornu Ammonis and dentate gyrus layer distributions. Panel (C) and (D) respectively illustrate the lack of immunoreactivity in sections incubated with RabmAb40 adsorbed with Aβ40 or RabmAb42 adsorbed with Aβ42. Adsorption of RabmAb40 with Aβ42 (E) or adsorption of RabmAb42 with Aβ40 (F) does not block immunostaining.
Supplementary Figure S2. Paraffin sections from the DS subject showing differences in detection of diffuse nonfibrillar Aβ deposits in the molecular layer of cerebellar cortex with rabbit RabmAb40 (A) or RabmAb42 (B). Sections incubated with RabmAb40 adsorbed with Aβ40 (C) or RabmAb42 adsorbed with Aβ42 (D) show no immunoreactivity. Adsorption of RabmAb40 with Aβ42 (E) or adsorption of RabmAb42 with Aβ40 (F) did not change their immunoreactivity, which confirmed the specificity of the antibodies.