

Supplementary information:

Additional File 1: Figure S1

Antibody 029-1 showed high selectivity for A β peptides starting with the Phe residue in position 4. Synthetic A β peptides with different N-termini were analyzed by capillary isoelectric focusing immunoassay. Mixtures of A β ₁₋₄₀, A β ₂₋₄₀ and A β ₅₋₄₀ (top electropherogram), A β ₃₋₄₀ (second electropherogram), A β _{pE3-40} (third electropherogram) and A β ₄₋₄₀ (bottom electropherogram) were subjected to isoelectric focusing in microcapillaries and probed with antibodies 6E10 (**A**) or 029-1 (**B**).



