

## Anti-Amyloid beta (aa 4-10) [WO2] Standard Size Ab00239-2.0

**Isotype and Format:** Mouse IgG2a, Kappa

**Clone Number:** WO2

**Alternative Name(s) of Target:** Abeta

**UniProt Accession Number of Target Protein:** P05067

**Published Application(s):** IHC-P, WB, ELISA

**Published Species Reactivity:** Human

**Immunogen:** Synthetic peptides, corresponding to amino acids 1-42 of human beta amyloid, conjugated to KLH.

**Specificity:** Recognises amino acid residues 4-10 of human Amyloid  $\beta$ .

**Application Notes:** This antibody binds to amyloid beta peptides and may be used in Western Blotting as well as ELISA and IHC. Youn et al. (PMID: 31077246) describes the use of an HRP-conjugate of the IgG2a version of WO2 in a diagnostic Multimer Detection System-Oligomeric Amyloid- $\beta$  assay to measure oligomerization tendencies in the blood.

**Antibody First Published in:** Ida et al. Analysis of Heterogeneous  $\beta$ A4 Peptides in Human Cerebrospinal Fluid and Blood by a Newly Developed Sensitive Western Blot Assay J Biol Chem. 1996 Sep 13;271(37):22908-14 [PMID:8798471](#)

**Note on publication:** Describes the generation and characterization of the WO2 clone.

### Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.