

Anti-Amyloid beta (aa 4-10) [WO2] Standard Size Ab00239-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, 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 β .

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- β assay to measure oligomerization tendencies in the blood.

Antibody First Published in: Ida et al. Analysis of Heterogeneous β 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: 50 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.