

amyloid beta Recombinant Antibody | A-beta recombinant antibody

Anti-amyloid beta [6E10]

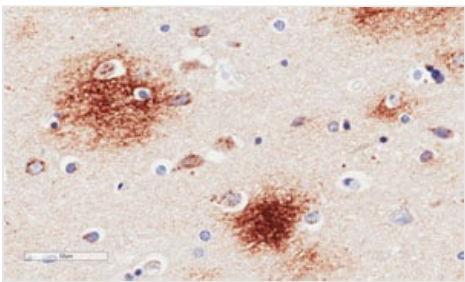
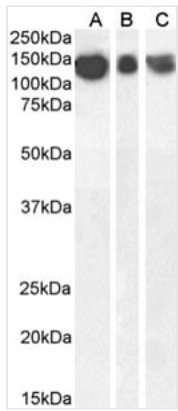
CATALOG #	REACTIVITY	APPLICATIONS
AAA71978	Human	Immunoprecipitation, Western Blot, ELISA, Immunohistochemistry

PRODUCT SYNONYMS

amyloid beta; Monoclonal Recombinant Antibody; Anti-amyloid beta [6E10]; amyloid beta-peptide; A-beta recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	6E10
Specificity	This antibody binds to amino acid residues 1-16 of beta amyloid.
Purity/Purification	Purified Protein A Affinity Purified
Concentration	1mg/mL (varies by lot)
Applicable Applications for A-beta recombinant antibody	IP (Immunoprecipitation), WB (Western Blot), ELISA, IHC (Immunohistochemistry)
Immunogen	Amyloid-beta peptide.
Buffer Composition	PBS only with 0.02% Proclin 300.
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Publication Note	Describes the use of this antibody in a sandwich ELISA to detect amyloid protein.
Preparation and Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.



IHC (Immunohistochemistry)
Immunohistochemical staining of human Alzheimer's disease hippocampus tissue using anti-Amyloid Beta antibody 6E10 Anti-Amyloid Beta staining of paraffin embedded human hippocampus affected by Alzheimer's disease using the rabbit-chimeric version of 6E10 for 20 mins followed by DAB (3,3'-diaminobenzidine), and counter-staining with haemotoxylin. Staining of amyloid plaques in the parahippocampal gyrus may be observed. Recommended concentration, 2-4 ug/ml.

WB (Western Blot)
Western Blot using anti-Amyloid beta antibody 6E10 Human brain cerebral cortex (A), frontal cortex (B) and cerebellum (C) lysate samples (35ug protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit version of 6E10 at 0.3 ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The expected band size for Amyloid beta is ~35kDa, though this protein is known to form SDS-resistant low-molecular weight oligomers as seen in this blot (i.e. dimers, c.f. Kumar et al. PMID: 21527912). frontal cortex and cerebellum lysate samples.

ADDITIONAL INFORMATION

Product Categories/Family for A-beta recombinant antibody	Neurodegeneration; Alzheimers; Amyloid
References	Pirttilä et al. J Neurol Sci. 1994 Dec 1;127(1):90-5. PMID:7699397

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/amyloid-beta-recombinant-antibody-clone-6e10-immunoprecipitation-western-blot-immunohistochemistry-elisa/71978>