

Mouse BETA AMYLOID Monoclonal Antibody | anti-APP antibody

MOUSE ANTI HUMAN BETA AMYLOID (aa1-17)

CATALOG # AAA49338	HOST Mouse	APPLICATIONS Immunohistochemistry, Immunoprecipitation, ELISA
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PRODUCT SYNONYMS

BETA AMYLOID; Monoclonal Antibody; MOUSE ANTI HUMAN BETA AMYLOID (aa1-17); anti-APP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	DE2B4
Form/Format	Purified Purified IgG - liquid
Concentration	Perservative Stabilizers 0.09% Sodium Azide!!Preparation Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant (varies by lot)
Sequence Length	770
Applicable Applications for anti-APP antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), ELISA
Perservative Stabilisers	0.09% Sodium Azide
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Histology Positive Control Tissue	Alzheimer's disease brain
Buffer Solution	Phosphate buffered saline
Target Species	Human
Carrier Free	Yes
Immunogen	Synthetic peptide consisting of residues 1-17 of the amyloid beta protein.
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

ADDITIONAL INFORMATION

Related Product Information for anti-APP antibody	Mouse anti Human Beta Amyloid antibody, clone DE2B4 recognizes the human beta amyloid peptide, which is the major protein component of the amyloid cores in neuritic plaques. In immunohistology the antibody detects extracellular amyloid beta with senile plaques and vessel amyloid in Alzheimer's disease brain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502167
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NCBI GeneID	351
NCBI Accession #	NP_000475.1
NCBI GenBank Nucleotide #	NM_000484.3
UniProt Accession #	P05067; P09000; P78438; Q13764; Q13778; Q13793; Q16011; B2R5V1; B4DII8; D3DSD1; D3DSD2; D3DSD3
Molecular Weight	84,521 Da
NCBI Official Full Name	amyloid beta A4 protein isoform a
NCBI Official Synonym Full Names	amyloid beta (A4) precursor protein
NCBI Official Symbol	APP
NCBI Official Synonym Symbols	AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; CTFgamma
NCBI Protein Information	amyloid beta A4 protein; alzheimer disease amyloid protein; beta-amyloid peptide; beta-amyloid peptide(1-40); beta-amyloid peptide(1-42); cerebral vascular amyloid peptide; peptidase nexin-II; preA4; protease nexin-II
UniProt Protein Name	Amyloid beta A4 protein
UniProt Gene Name	APP
UniProt Synonym Gene Names	A4; AD1; APP; CVAP; PN-II; S-APP-alpha; S-APP-beta; AICD-59; AID(59); AICD-57; AID(57); AICD-50; AID(50)
UniProt Entry Name	A4_HUMAN

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/beta-amyloid-antibody-clone-de2b4-immunohistochemistry-immunoprecipitation-elisa/49338>