

APP recombinant antibody

APP Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279336	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA

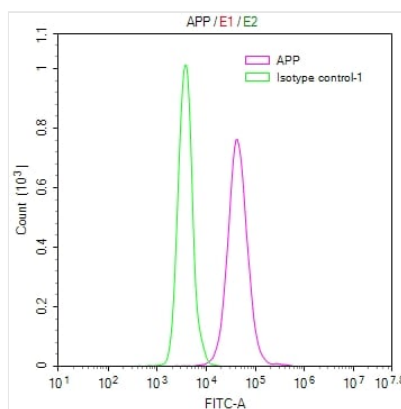
PRODUCT SYNONYMS

APP; Monoclonal Recombinant Antibody; APP Recombinant Monoclonal Antibody; A4 antibody; A4_HUMAN antibody; AAA antibody; ABETA antibody; ABPP antibody; AICD-50 antibody; AICD-57 antibody; AICD-59 antibody; AID(50) antibody; AID(57) antibody; AID(59) antibody; Alzheimer disease amyloid protein antibody; Amyloid intracellular domain 50 antibody; Amyloid intracellular domain 57 antibody; Amyloid intracellular domain 59 antibody; APP antibody; APPI antibody; Beta amyloid protein 42 antibody; Beta APP42 antibody; Beta-APP40 antibody; Beta-APP42 antibody; C31 antibody; Cerebral vascular amyloid peptide antibody; CVAP antibody; Gamma-CTF(50) antibody; Gamma-CTF(57) antibody; Gamma-CTF(59) antibody; PN-II antibody; PreA4 antibody; Protease nexin-II antibody; S-APP-alpha antibody; S-APP-beta antibody; APP recombinant antibody

PRODUCT SPECIFICATIONS

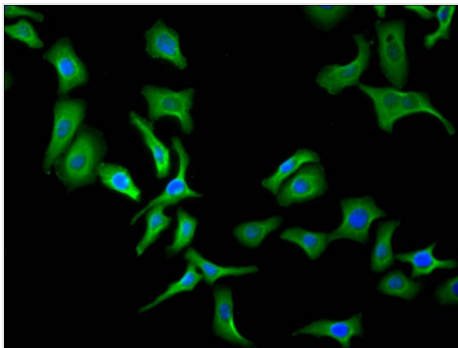
Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	hIgG1
Clone Number	15A10
Purity/Purification	Affinity chromatography
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for APP recombinant antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA
Antigen Species	Human
Immunogen	Recombinant Human APP protein
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing hela cells stained with AAA279336 (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 45min at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-human IgG(H+L) at 1:200 dilution for 35min at 4 degree C. Control antibody (green line) was human IgG (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cell with AAA279336 at 1:30, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Human IgG(H+L).

ADDITIONAL INFORMATION

Product Categories/Family for APP recombinant antibody	Neuroscience
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502167
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	86,943 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; preA4; protease nexin-II; peptidase nexin-II; beta-amyloid peptide; alzheimer disease amyloid protein; cerebral vascular amyloid peptide
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/app-recombinant-antibody-clone-15a10-flow-cytometry-immunofluorescence-elisa/279336>