

Mouse beta Amyloid Monoclonal Antibody

beta Amyloid antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74504	Mouse	Canine, Fish, Human, Monkey, Mouse, Porcine, and rat	Western Blot, Immunohistochemistry

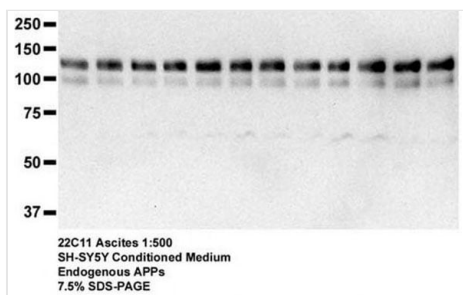
PRODUCT SYNONYMS

beta Amyloid; Monoclonal Antibody; beta Amyloid antibody; Monoclonal beta Amyloid; Anti-beta Amyloid; Alzheimer Precursor Protein A4; Ab; Amyloid beta; APP-A4; Abeta; Amyloid Plaque; anti-beta Amyloid antibody

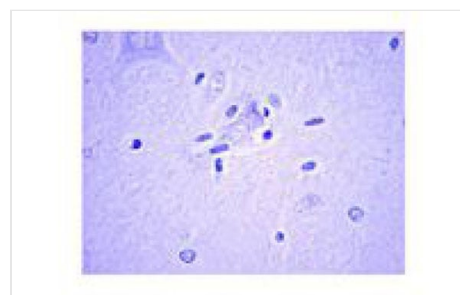
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Canine, Fish, Human, Monkey, Mouse, Porcine, and rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	22C11
Form/Format	Liquid in 0.02M PBS, 0.25M NaCl, pH 7.6 with 0.1% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Applicable Applications for anti-beta Amyloid antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	Deposits of amyloid protein in senile plaques near nerve processes are found in the brains of aged humans and cases of Alzheimer's Disease. The principle component of this extracellular amyloid is beta A4, a 4 kDa peptide derived from a larger amyloid precursor protein (APP), which is widely expressed in the brain and body. The creation, transport and function of these proteins is currently an active area of research.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Immunogen	Purified recombinant Alzheimer precursor A4 (Pre A4695) fusion protein.
Preparation and Storage	Store at 4 degree C in undiluted aliquots.

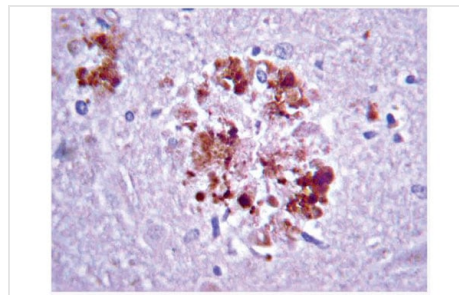
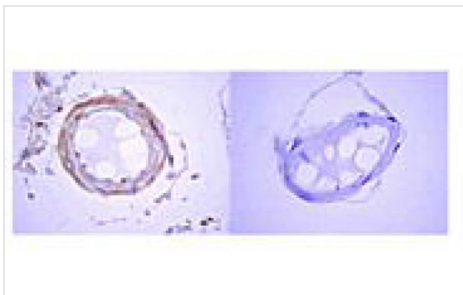
IMAGES


WB (Western Blot)

APP antibody western blot of endogenous APPs from SH-SY5Y conditioned medium.


IHC (Immunohistochemistry)

Negative Control staining on Alzheimer's Disease-Hypothalamus. Tissue pretreated with Citrate, pH 6.0. Negative Control Reagent, IHC-Select Detection with HRP-DAB.



IHC (Immunohistochemistry)

Amyloid (Abeta) staining on Alzheimer's Disease-Hypothalamus (left). Tissue pretreated with Citrate, pH 6.0. beta Amyloid antibody diluted to 1:80. Immunoreactivity is seen as cerebral vascular amyloid deposition in the walls of blood vessels (brown). Negative Control staining on Alzheimer's Disease-Hypothalamus (right). Tissue pretreated with Citrate, pH 6.0.

IHC (Immunohistochemistry)

Amyloid (Abeta) staining on Alzheimer's Disease-Hypothalamus. Tissue pretreated with Citrate, pH 6.0. beta Amyloid antibody was diluted to 1:80. Immunoreactivity is seen as staining on plaque deposits (dark brown).

ADDITIONAL INFORMATION

Related Product Information for anti-beta Amyloid antibody	Mouse monoclonal beta Amyloid antibody
Product Categories/Family for anti-beta Amyloid antibody	Neuroscience

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-22c11-western-blot-immunohistochemistry-elisa/74504>