



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: Q06101M **Lot #:** 6C07116
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Description: MAb to Beta Amyloid N-term. (a.a. 1-8)
Monoclonal Antibody to Human Amyloid Beta Protein (amino acids 1-8)

Specificity: Reactive to the amino terminal region (a.a. residues 1-8) of Human beta Amyloid peptide. Reacts to the abnormally processed isoforms as well as precursor forms.

Clone: 1E11

Host Animal: Mouse **Isotype:** IgG₁

Source: Tissue culture supernatant

Immunogen: 1-24 a.a. of beta amyloid (NAEFRHDSGYQVHHQKLVFFAEDV)

Format: Purified, Liquid

Concentration: 1 mg/ml

Affinity Constant: Not determined.

Buffer: PBS

Preservative: None

Applications: ELISA
Western blot
Immunohistochemistry: Formalin-fixed paraffin-embedded sections require formic acid pre-treatment (70%, 30 minutes at room temperature).
Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at -20°C. Aliquot to avoid multiple freeze/thaw cycles.



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References:

The references listed below are for research purposes only.

1. Jung, S.S., et al., (1999) Beta-amyloid precursor protein is detectable of monocytes and is increased in Alzheimer's disease. Neurobiol Aging, **20**(3): 249-257.
2. Mayeux R., et al., (1999) Plasma Amyloid beta-peptide 1-42 and incipient Alzheimer's disease. Annals of Neurology, **46**: 412-416 [ELISA].
3. Kraszpulski, M., et al., (1998) Pitfalls in the quantitative estimation of beta-amyloid immunoreactivity in human brain tissue. Histochem. Cell Biol. **110**(4): 439-445.
4. Sasaki, A., et al., (1997) Human choroids plexus is an uniquely involved area of the brain in amyloidosis: a histochemical , immunohistochemical and ultrastructural study, (EM). Brain Res., **755**:193-201.
5. Kim, K.S., et al (1988) Production and characterization of monoclonal antibodies reactive to synthetic cerebrovascular amyloid peptide. Neuroscience Research Communications, **2**: 121-130.
6. Kim, K.S., et al., (1988) Neuroscience Research communications, **7**, 113.

Robert Ott

Signature

11 Mar 2016

Date

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