



CERTIFICATE OF ANALYSIS

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

Catalog #: Q67350M **Lot #:** 1F16617
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Description: MAb to Amyloid Beta (1-40), C-Terminal
Monoclonal Antibody to Amyloid Beta 1-40, C-Terminal

Specificity: Specifically reacts with the C-terminus of Human beta Amyloid 1-40. Does not cross-react with beta Amyloid 1-42.

Host Animal: Mouse **Isotype:** IgG₁

Source: Tissue Culture Supernatant

Immunogen: C-terminal peptide conjugated to KLH.

Format: Purified, Lyophilized
Reconstitute with 1 mL water (15 minutes at room temperature).

Purification: Thiophilic adsorption and size exclusion chromatography.

Concentration: 100 ug/mL (prior to lyophilization).

Buffer: Lyophilized from 2X Phosphate Buffered Saline, PEG and Sucrose.

Preservative: 0.09% Sodium Azide (prior to lyophilization).

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Applications:

Immunoblotting: 1 µg/mL HRP/ECL detection. Recommended blocking with casein/tween 20 based buffer.



Western Blot Analysis:

Amyloid beta A4 peptides were applied to SDS-PAGE and transferred to a PVDF membrane. The blot was probed with 2 µg/mL Q67350M for 1 hour at 15-22°C and developed by ECL (exp. time: 30 sec.).

Lane 1: bA4 (1-40)

Lane 2: bA4 (1-42)

Lane 3: bA4 (1-43)

Immunocytochemistry: 1-10 µg/mL

ELISA: 0.1 µg/mL

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 lyophilized product at -20°C. After reconstitution, aliquot and store at -80°C. Thawed aliquots may be stored (up to 3 months) at 2-8°C.

Safety Note(s):

Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Corry Thomas

15 Jun 2017

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY