

CERTIFICATE OF ANALYSIS

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

Catalog #: H61529M **Lot #:** 5A01917

Description: MAb to Human Apo E
Monoclonal Antibody to Human Apolipoprotein E (Apo E), Very Low Density Lipoprotein (VLDL).

Specificity: Reacts with very low density lipoproteins (VLDL) of human plasma. It is specific for human Apo-E. No cross-reactions with other human plasma proteins were detected. Reacts as well with LDL as with VLDL. Recognizes all alleles of Apo E.

Clone: 3D12

Host Animal: Mouse **Isotype:** IgG₁

Format: Purified, Lyophilized
Reconstitute with 1 mL sterile water.

Purification: Ammonium sulfate precipitation and DEAE-cellulose chromatography, gradient elution.

Concentration: 0.5 mg/mL (prior to lyophilization).
Sufficient for staining of 100 frozen sections.

Buffer: Not Applicable

Preservative: None

Applications: Suitable for use in ELISA (1:1,000) and immunohistochemistry, frozen sections (1:100). For depletion experiments, the antibody should be used in a solid phase system. 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 2–8°C. After reconstitution, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

References: The references listed below are for research purposes only.
1. Golabek, A.A., et al., (1996), *J. Biol. Chem.*, **271**(18): 10602–10606.
2. Dergunov, A.D., et al., (1992), *Biol. Chem.* **373**, 323–331.
3. Babaev, V.R., et. al., (1990), *Artherosclerosis*, **85**, 239–247.



Signature

19 Jan 2017

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY