

CERTIFICATE OF ANALYSIS

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

Catalog #: H45625M **Lot #:** 4J27922

Description: MAb to Apolipoprotein AI
Monoclonal Antibody to Human Apolipoprotein A1 (Apo AI)

Specificity: Recognizes human apolipoprotein AI. No cross reactivity with Apo A-II or Apo B

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Purified human plasma Apo A-I

Format: Purified, Liquid

Purification: Protein A chromatography

Concentration: 5 mg/ml (OD280nm, E^{1%} = 14)

Buffer: Phosphate Buffered Saline, pH 7.4 ± 0.1

Preservative: 0.09% Sodium azide

Applications: Suitable for use in competitive Radioimmunoassay or ELISA. 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: Short-term (up to 6 months) store at 2–8°C. Long term (up to 1 year), aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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

References: The reference listed below is for research purposes only.

1. Dhiman, M., et al., (2008), "Enhanced nitrosative stress during Trypanosoma cruzi infection causes nitrotyrosine modification of host proteins", *Am. J. Pathol.* **173**(3): 728-740
2. Jamil, H., (1996), "An inhibitor of the microsomal triglyceride transfer protein inhibits ApoB secretion from HepG2 cells", *Proc. Natl. Acad. Sci. USA*, **93**, 11991-11995
3. Ishiguro, H., et al., (2001), "Retrovirus-mediated Expression of Apolipoprotein A-I in the Macrophage Protects against Atherosclerosis in Vivo", *The Journal of Biological Chemistry*, **276**(39): 36742-36748.

Quality Signature:



05 Oct 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY