



Rat Anti-Mouse APOA1 monoclonal antibody, clone IEM04 (CABT-L6556Z)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This monoclonal antibody enables specific detection of mouse apoA1 in immunoassays such as ELISA and Western blot.
Specificity	Mouse apoA1
Target	Mouse apoA1
Immunogen	Native mouse apoA1
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	IEM04
Purification	Protein G purified
Conjugate	Unconjugated
Applications	WB, ELISA, ELISA(Cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-L6556Z - CABT-L6557Z 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.
Format	Liquid
Concentration	Lot specific

Size	250ug
Buffer	PBS with 0.02% sodium azide.
Preservative	0.02% sodium azide
Storage	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing
Ship	Wet ice

BACKGROUND

Introduction	Apolipoprotein A1 (apoA1) is the main protein component of high-density lipoprotein particles (HDL). ApoA1 (28 kD) is mainly produced in the liver and exported into circulation where it acquires lipids and becomes HDL. A high level of apoA1 is considered protective against atherosclerosis and cardiovascular disease. The normal concentration of apoA1 in human plasma is approximately 0.8-2.2 g/L.
Keywords	Apolipoprotein A1, apoA1, apolipoprotein-A1, apo A1, apoA-I, Alp-1, APOA-1, Brp-14, Ltw-1, Lvtw-1, Sep-1, Sep-2, Sep2, apo-AI