



Rat Anti-Mouse APOE monoclonal antibody, clone F2 (CABT-L6562Z)

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

PRODUCT INFORMATION

Product Overview	This monoclonal antibody enable specific detection of mouse apoE in ELISA.
Specificity	Mouse apoE
Target	Mouse apoE
Immunogen	Recombinant mouse apoE
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	F2
Purification	Protein G purified
Conjugate	Unconjugated
Applications	WB, ELISA, ELISA(Cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-L6562Z - CABT-L6563Z 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 E (apoE) is a 34 kD glycoprotein involved in lipid transport, lipoprotein metabolism and cellular signaling. It is present in plasma lipoprotein particles such as chylomicrons, VLDL and HDL. ApoE is also present in large amounts at sites of neurological damage and appears to be involved in recycling of apoptotic remnants and of amyloid aggregates. ApoE is mainly produced in the liver and by macrophages, but also by other cell types such as smooth muscle cells or neuronal cells. In human apoE exists in three isoforms, apoE2, apoE3 and apoE4. Of these, apoE4 is associated with Alzheimer's disease. Normal concentration of apoE in human plasma is approximately 30-40 µg/ml. The concentration of ApoE in inbred mouse plasma can vary between 15-150 µg/ml.
Keywords	Apolipoprotein E, apoE, apolipoproteinE, apo E, AI255918, Apo-E