

Datasheet for ABIN6963954
anti-APOE antibody[Go to Product page](#)**2** Publications

Overview

Quantity:	1 mg
Target:	APOE
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This APOE antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant mouse apoE
Clone:	ME1
Isotype:	IgG2a
Specificity:	Apolipoprotein E
Purification:	Purified from in vitro cultures by protein G affinity chromatography.

Target Details

Target:	APOE
Alternative Name:	apoE (APOE Products)
Gene ID:	11816
Pathways:	Regulation of Cell Size, Lipid Metabolism

Application Details

Application Notes: For quantification of mouse apoE in solution e.g. serum/plasma samples and cell culture supernatants using ELISA. mE1 is recommended as coating mAb in combination with biotinylated detection mAb mE29 .

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: supplied at 0.5 mg/mL in PBS with 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/ thawing.

Expiry Date: 18 months

Publications

Product cited in: Gordon, Yao, Xu, Karkowsky, Kaler, Kalchiem-Dekel, Barochia, Gao, Keeran, Jeffries, Levine: "Apolipoprotein E is a concentration-dependent pulmonary danger signal that activates the NLRP3 inflammasome and IL-1 β secretion by bronchoalveolar fluid macrophages from asthmatic subjects." in: **The Journal of allergy and clinical immunology**, Vol. 144, Issue 2, pp. 426-441.e3, (2020) ([PubMed](#)).

Centa, Prokopec, Garimella, Habir, Hofste, Stark, Dahdah, Tibbitt, Polyzos, Gisterå, Johansson, Maeda, Hansson, Ketelhuth, Coquet, Binder, Karlsson, Malin: "Acute Loss of Apolipoprotein E Triggers an Autoimmune Response That Accelerates Atherosclerosis." in: **Arteriosclerosis, thrombosis, and vascular biology**, Vol. 38, Issue 8, pp. e145-e158, (2019) ([PubMed](#)).