Datasheet for ABIN6963955

anti-APOE antibody (Biotin)

2 Publications

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Overview

Quantity:	1 mg
Target:	APOE
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This APOE antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant mouse apoE
Clone:	ME29
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 serum/plasma samples and cell culture supernatants using ELISA. mE29 is recommended as detection mAb in combination with coating mAb mE1 . The antibody is also suitable for immunoprecipitation and Western blot.
Comment:	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.
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-1β 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).