

Catalog	Unit
TBS10357-0.5MG	0.5 mg
TBS10357-1MG	1 mg
TBS10357-5MG	5 mg

Description

Tribioscience in vivo Anti-Human APOE2/3/4 Antibody is a high-specificity monoclonal antibody developed for research use, capable of simultaneously recognizing all three major human apolipoprotein E isoforms (APOE2, APOE3, and APOE4). Its ability to detect multiple APOE isoforms makes it suitable for quantitative analysis of total APOE expression as well as cross-isoform functional studies. This antibody is particularly valuable for research on lipid metabolism, neurodegenerative diseases such as Alzheimer’s disease, and related neurobiological mechanisms.

Synonyms

InVivoMAb Anti-Human APOE4 Antibody, InVivoMAb Anti-Human APOE Antibody

Product Details

Applications:	ELISA, FuncS.
Species reactivity:	Human
Host:	Mouse
Isotype:	IgG2a, kappa
Target:	Apo-E, Apolipoprotein E, APOE.
Uniprot:	P02649
Concentration:	3 mg/ml
Purity:	>95%
Formulation:	Liquid
Storage buffer:	0.01M PBS, pH 7.4.
Purification:	Protein A/G purified from cell culture supernatant.
Clonality:	Monoclonal
Storage:	Store -20°C up to 12 months, and -80°C for long term. Avoid repeated freeze-thaw cycles.

Data Image

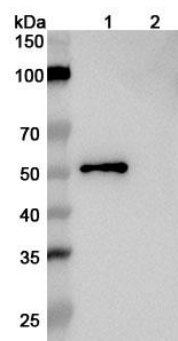


Fig. 1. Western blot analysis was performed using anti-APOE4 monoclonal antibody at 1ug/mL on various samples.

Lane 1: recombinant human APOE4;

Lane 2: negative control

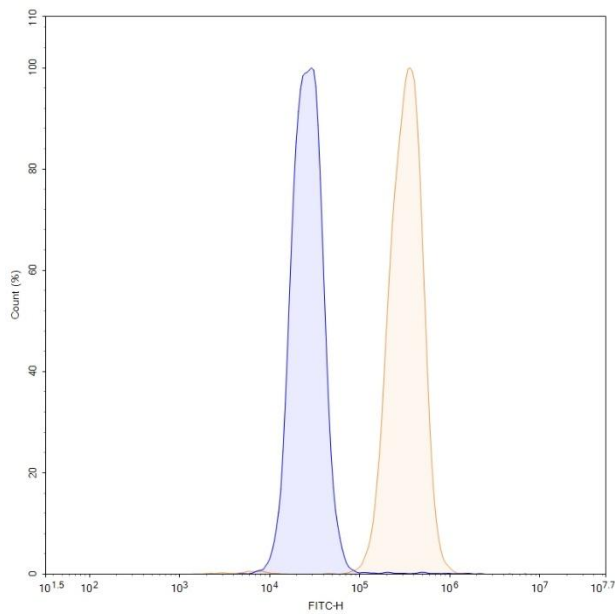


Fig. 3. Flow-cytometry using anti-human APOE antibody.

HepG2 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human APOE monoclonal antibody at a concentration of 5 $\mu\text{g/ml}$ for 30 mins at RT. After washing, bound antibody was detected using a Goat Anti-Mouse IgG H&L Polyclonal Antibody, FITC and cells analyzed on a NovoCyte Flow Cytometer.

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