

# Monoclonal Antibody to Human Apolipoprotein E

BIOTINYLATED

<b>Antibody:</b>	E887
<b>Product code:</b>	3712-6-1000
<b>Quantity:</b>	1000 µg
<b>Immunogen:</b>	Purified human apolipoprotein E
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	Native and recombinant human apolipoprotein E (isoforms apoE2, apoE3 and apoE4). Cross-reacts with native apoE from rhesus and cynomolgus macaques. Please visit <a href="http://www.mabtech.com">www.mabtech.com</a> for information on reactivity with other monkey species. The presence of low amounts of detergent is necessary for binding. Tween 20, Triton X100 or NP40 can be used at a concentration of 0.01-0.5%. Do not vortex with detergent added.
<b>Concentration:</b>	Supplied at 0.5 mg/ml in sterile filtered (0.2 µm) PBS with 0.02% sodium azide.
<b>Purification:</b>	Purified from <i>in vitro</i> cultures by protein G affinity chromatography.
<b>Biotinylation:</b>	Biotinylated through reaction with a N-hydroxysuccinimide ester of biotin.
<b>Storage:</b>	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing. The expiry date indicates how long unopened products, stored according to instructions, are recommended for use.
<b>Applications:</b>	For quantification of apoE in serum/plasma samples and cell culture supernatants using ELISA and for enumeration of human apoE producing cells using ELISpot. E887 is recommended as detection mAb in combination with coating mAb E276 (product code 3712-3) or mAb E981 for monkey (product code 3712M-3). The antibody is also suitable for immunoprecipitation and Western blot.
<b>Protocols:</b>	Please contact Mabtech for ELISpot and ELISA protocols.

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Developed and manufactured by MABTECH AB, Sweden, whose quality management system complies with the standards ISO 9001:2015 & ISO 13485:2016.

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