

Anti-Apolipoprotein E/APOE Antibody Picoband® APC Conjugated

Catalog Number: PB9986-APC

About Apoe

APOE is also known as AD2 or LPG. The protein encoded by this gene is a major apoprotein of the chylomicron. It binds to a specific liver and peripheral cell receptor, and is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. This gene maps to chromosome 19 in a cluster with the related apolipoprotein C1 and C2 genes. Mutations in this gene result in familial dysbetalipoproteinemia, or type III hyperlipoproteinemia (HLP III), in which increased plasma cholesterol and triglycerides are the consequence of impaired clearance of chylomicron and VLDL remnants. Alternative splicing results in multiple transcript variants.

Overview

Product Name	Anti-Apolipoprotein E/APOE Antibody Picoband® APC Conjugated
Reactive Species	Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IF, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P08226

Technical Details

Immunogen	E.coli-derived mouse Apolipoprotein E recombinant protein (Position: D55-Q294). Mouse Apolipoprotein E shares 75% and 94.6% amino acid (aa) sequence identity with human and rat Apolipoprotein E, respectively.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	APC Excitation Wavelength: 633-647 nm Emission Wavelength: 660 nm

Suggested Dilutions

Optimal dilutions should be determined by end users.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Apolipoprotein E/APOE Antibody - APC

For Research Use Only. Not for use in diagnostic procedures.