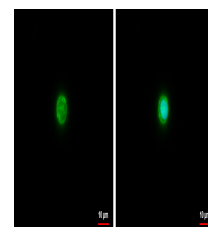


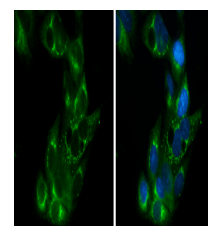
Product Datasheet

Apolipoprotein E antibody [C2C3], C-term GRP94

Description	Chylomicron remnants and very low density lipoprotein (VLDL) remnants are rapidly removed from the circulation by receptor-mediated endocytosis in the liver. Apolipoprotein E, a main apoprotein of the chylomicron, binds to a specific receptor on liver cells and peripheral cells. ApoE is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. The APOE gene is mapped to chromosome 19 in a cluster with APOC1 and APOC2. Defects in apolipoprotein E 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. [provided by RefSeq]
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, ICC, IF, IHC-P, IP, WB
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Apolipoprotein E. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	0.66 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	P02649
Entrez	348
Dilution Range	WB: 1:500-1:20000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000, IP: 1:100-1:500, ELISA: 1:1000-1:10000



Apolipoprotein E antibody [C2C3], C-term detects Apolipoprotein E protein at cytoplasm by immunofluorescent analysis. Sample: THP-1 cells were fixed in ice-cold MeOH for 5 min. Green: Apolipoprotein E protein stained by Apolipoprotein E antibody [C2C3], C-t



Apolipoprotein E antibody [C2C3], C-term detects Apolipoprotein E protein at cytoplasm by immunofluorescent analysis. Sample: HepG2 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Apolipoprotein E protein stained by Apolipoprotein E antibody [C2C3], C-t