LDL MDA-treated (5D8) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 250414
Unit: 0.2 mg

Description:
Low-density lipoprotein (LDL) is the carrier protein for cholesterol in the blood. LDL binds to its receptor on the capillary walls and thereby mediates the uptake and clearence of cholesterol from the circulation. In atherosclerotic lesions oxidatively modified LDL is found and oxidized LDL is specifically recognized and ingested by macrophages via scavenger receptor A and CD36. Oxidized LDL may be a marker of atherosclerosis but the precise changes in oxidized LDL are not well described. MDA-treated LDL appear to be different from LDL oxidized by other means. This antibody reacts with MDA-treated LDL but not with native LDL.

Isotype: Mouse IgG1/l
Applications: E, WB
Species Reactivity: H
Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.
Alternate Names: low-density lipoprotein
Accession No.:

Antigen: Low-density lipoprotein purified from human plasma and treated with malonyldialdehyde (MDA)
Application Notes: Product Cat. No. 250414 reacts with MDA-treated LDL in ELISA and western blot. E: 1:8,000; WB: 1:500

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.