

Human Low Density Lipoprotein, APO-B, clone 4C11, Monoclonal Antibody

Catalog No.: MON5027

Quantity: 1 ml

Specificity

The antibody reacts with low density lipoproteins of human plasma. It is specific for fragment T3, the middle thrombolytic peptide of human apo-B. No cross-reactions with other human plasma proteins were detected.

Immunoglobulin type

Murine IgG₁

Use

The antibody can be used for LDL depletion of human plasma, in combination with other antibodies for detection of LDL in plasma and for the specific detection of apo-B. The antibody is also useful for detection of apo-B in tissue sections.

Instructions for use

The antibody can be used in ELISA techniques (dilute approx. 1:1000) and in immunohistology on frozen sections (dilute 1:100). For depletion experiments the antibody should be used in a solid phase system.

Presentation

1ml lyophilized purified Ig solution with approximately 0.5mg antibody/ml. Sufficient for 100 tests on frozen sections. Reconstitute with 1 ml distilled (sterile) water and add preservative if preferred.

Method of purification

sodium sulfate + DEAE-cellulose chromatography, gradient elution

Literature

- Valentinova, N.V., et al., 1994, Biol. Chem. 375, 651-658, Hoppe-Seyler

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