

Human High Density Lipoprotein, HDL 2, HDL 3, APO-A1, clone 1C5, Monoclonal Antibody

Catalog No.: MON5030

Quantity: 1 ml

Specificity

The antibody reacts with high density lipoproteins (HDL 2, HDL 3, apo-A1) of human plasma. No cross-reactions with other human plasma proteins were detected.

Immunoglobulin type

Murine IgG₁

Use

The antibody can be used for HDL depletion of human plasma, for detection of HDL in plasma either in combination with other mabs by using sandwich-ELISA or in competitive ELISA. The antibody is also useful for detection of HDL in tissue sections. This antibody increases the specific binding of HDL to rat and human hepatocytes and the efflux of cholesterol from hepatocytes prelabelled with ¹⁴C-acetate.

Instructions for use

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

Presentation

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

Method of purification:

Sodium Sulfate + DEAE-cellulose chromatography.

FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.



Cell Sciences, Inc.
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Web Site: www.cellsciences.com