

## Human Low Density Lipoprotein, APO-B, clone 5F8 Monoclonal Antibody

**Catalog No.:** MON5025

**Quantity:** 1 ml

### **Specificity**

The antibody reacts with low density lipoproteins of human plasma. It is specific for fragment T4, the amino terminal thrombolytic peptide of human apo-B. No cross-reactions with other human plasma proteins were detected. It reacts not only with B100 but also with B48. This makes it a pan-antibody for APO-B-containing particles in plasma.

### **Immunoglobulin type**

Murine IgG<sub>1</sub>

### **Use**

The antibody can be used for LDL depletion of human plasma, in combination with other mabs 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 1:10). 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 of 100 tissue sections. Reconstitute with 1 ml sterile water and add preservative if preferred.

Method of purification

Sodium sulfate + DEAE-cellulose, gradient elution.

### **Literature**

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

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