

Name: Goat Anti-Human C4b Binding Protein
Catalog Number: A209
Sizes Available: 1.0 ml
Concentration: >40 mg/ml total protein concentration.
Extinction Coeff. $A_{280\text{ nm}} = 1.0$ at 1.0 mg/ml
Form: Liquid, clear, yellow/tan colored.
Activity: 1/16 dilution versus NHS in immunodiffusion
1/500 to 1/2000 effective concentrations in Western Blots
1/500 to 1/4000 effective concentrations in ELISA.
Preservative: 0.1 % sodium azide.
Storage: -20°C or below (long term), +4°C (short term, <30 days)
Source: Goats (*Capra aegagrus hircus*) immunized with highly purified human complement protein.
Specificity: Monospecific for C4b binding protein in human plasma and serum.

General Description

The product is whole polyclonal antiserum from goats immunized with highly purified human complement protein. Goats are maintained in FDA certified facilities.

Physical Characteristics & Structure

Antibodies present in the antisera are primarily IgG.

Applications

Western Blots and ELISA: Effective at dilutions 1/500 to 1/2000 depending on conditions. Most effective against non-reduced antigen.

Immunodiffusion: Effective against NHS and plasma at 1/4 dilution

It is recommended that the end user should determine the optimal working dilutions and concentrations.

**FOR RESEARCH USE ONLY.
NOT FOR HUMAN OR DRUG USE.**

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