

Name: Goat Anti-Human C2
Catalog Number: A212
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: Frozen liquid, clear, yellow/tan colored.
Buffer: Phosphate-buffered saline, pH 7.2
Activity: 1/8 dilution versus NHS assayed by immunodiffusion.
1/8,000 effective concentration in Western Blots
1/16,000 effective concentration in ELISA.
Preservative: 0.09 % sodium azide, filtered through 0.22 μm filter.
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 human C2 in human plasma or serum.
Origin: Manufactured in the USA.

General Description

Product is whole polyclonal antiserum from goats immunized with highly purified human complement protein. Product is not a purified IgG fraction. Goats are maintained in FDA certified facilities.

Physical Characteristics & Structure

Antibodies present in the antisera are primarily IgG.

Applications

Western Blots: Effective at dilutions 1/4,000 to 1/8,000 depending on conditions.

Note: Most effective against non-reduced antigen.

ELISA: Effective at dilutions 1/8,000 to 1/16,000 depending on conditions.

Radial immunodiffusion: $\leq 4\%$ (Vol/Vol) of anti-C2 in agarose gel results, after staining, in clear precipitin rings with neat, 1:2 and 1:4 dilutions of NHS (3 mm wells, 20 μl sample).

Immunodiffusion: Effective against NHS and plasma at 1/8 dilution

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NOT FOR HUMAN OR DRUG USE.**

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