

Name: Goat Anti-Human C2
Catalog Number: A212
Sizes Available: 1.0 mL
Concentration: >20 mg/mL purified IgG concentration (not affinity purified).
Extinction Coeff. $A_{280\text{ nm}} = 1.35$ at 1.0 mg/mL
Form: Frozen liquid, clear solution.
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 made from polyclonal antiserum from goats immunized with highly purified human complement protein. Product is the purified IgG fraction. Goats are maintained in FDA certified facilities.

Physical Characteristics & Structure

Antibodies present 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: 1/44 dilution (Vol/Vol) of anti-C2 IgG fraction 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). versus activated $\frac{1}{2}$ diluted NHS assayed by immunodiffusion and staining of the precipitin band.

Immunodiffusion: Effective at 1/8 dilution against NHS or plasma.

FOR RESEARCH USE ONLY.

NOT FOR HUMAN OR DRUG USE.

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