

Name:	Goat Anti-Human C4
Catalog Number:	A205C
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.
Activity:	1/8 dilution versus NHS in immunodiffusion 1/128,000 effective concentration in Western Blots 1/256,000 effective concentration in ELISA.
Preservative:	0.09 % sodium azide.
Storage:	-20°C or below (long term), +4°C (short term, <30 days)
Source:	Goats (<i>Capra aegagrus hircus</i>) immunized with highly purified human complement protein.
Specificity:	Monospecific for C4 in human plasma and serum.
Origin:	Manufactured in the USA.

General Description

Product is whole polyclonal antiserum from goats immunized with highly purified human complement protein. The 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 1/64,000 to 1/128,000 depending on conditions. Note: Most effective against non-reduced antigen.

ELISA: Effective at dilutions 1/128,000 to 1/256,000 depending on conditions.

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