

**Name:** Goat Anti-Human C4  
**Catalog Number:** A205  
**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 (*Capra aegagrus hircus*) 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

**FOR RESEARCH USE ONLY.**

**NOT FOR HUMAN OR DRUG USE.**

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