# antibodies -online.com





# anti-C1S antibody

3 Images



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Target:

Alternative Name:

Quantity:	100 μL	
Target:	C1S	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This C1S antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)	
Product Details		
Immunogen:	Recombinant protein encompassing a sequence within the center region of human C1s. The exact sequence is proprietary.	
Isotype:	IgG	
Cross-Reactivity:	Human	
Characteristics:	Rabbit Polyclonal antibody to C1s (complement component 1, s subcomponent) C1s antibody	
Purification:	Purified by antigen-affinity chromatography.	
Target Details		

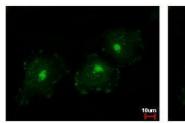
C1S

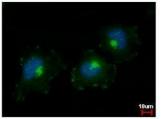
complement C1s (C1S Products)

## **Target Details**

rarget Details		
Background:	This gene encodes a serine protease, which is a major constituent of the human complement subcomponent C1. C1s associates with two other complement components C1r and C1q in order to yield the first component of the serum complement system. Defects in this gene are the cause of selective C1s deficiency.	
Molecular Weight:	77 kDa	
Gene ID:	716	
UniProt:	P09871	
Pathways:	Complement System	
Application Details		
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations	
	should be determined by the researcher. Not tested in other applications.	
Comment:	Positive Control: HepG2 culture medium supernatant	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.72 mg/mL	
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANC which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid	

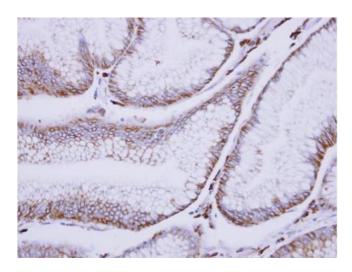
multiple freeze-thaw cycles.





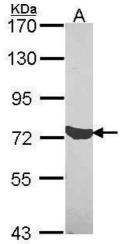
#### **Immunofluorescence**

**Image 1.** ICC/IF Image C1s antibody detects C1S protein at Golgi apparatus by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: C1S protein stained by C1s antibody, diluted at 1:500. Blue: Hoechst 33342 staining.



#### **Immunohistochemistry**

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human gastric cancer, using C1s, antibody at 1:500 dilution.



### **Western Blotting**

**Image 3.** WB Image Sample (30 ug of whole cell lysate) A: 293T 7.5% SDS PAGE Complement C1s antibody antibody diluted at 1:1000