

Catalog No. LF-MA0136

MONOCLONAL ANTIBODY



Anti-C1 inhibitor (4G12)

Background : C1 inhibitor (C1-INH) is a serine protease inhibitor that inactivates several different proteases in the complement, contact, coagulation, and fibrinolytic systems. Though C1-INH has 478 residues (53kDa), the circulating protein is approximately 104 kDa by post-translational modification. Deficiency of C1-INH results in hereditary angioedema. In addition, C1-INH may prove useful in a variety of other diseases including septic shock, reperfusion injury, hyperacute transplant rejection, traumatic and hemorrhagic shock.

Immunogen : C1 inhibitor protein purified from Human plasma

Host : Mouse

Clone number : 4G12

Isotype : IgG1, k

Size: 100 µl

Concentration : PBS containing 50% glycerol

Positive control : Human plasma

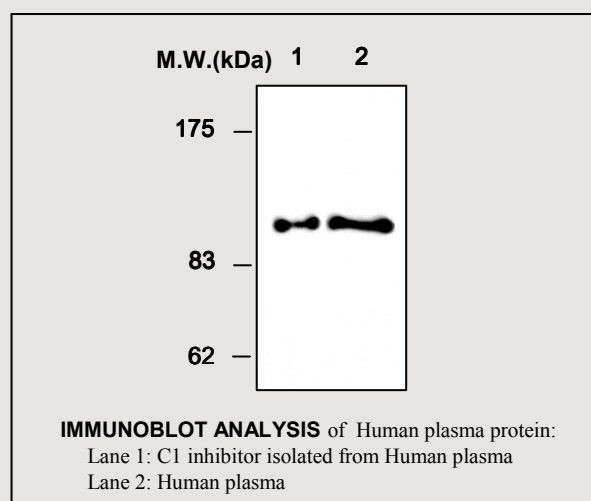
Storage : Store for 1 year at -20°C from date of shipment

Species cross reactivity

Human
+

Mouse
NT

Rat
NT



Applications :

Western blotting(1:2,000)

Immunoprecipitation (2 µl/400 µl lysates)

Background Reference :

- (1) Prada, A.E. *et al* (1998) *Immunobiology* 199(2): 377-88
- (2) Bock, S. C. *et al* (1986) *Biochemistry* 25: 4292-4301

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