10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-SERPING1 / C1 Inhibitor Antibody (clone 4G12)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18259

Product Information

Application	WB, IHC-P, IP
Primary Accession	P05155
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Names	4G12
Calculated MW	55154
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	710
Alias Symbol	SERPING1
Other Names	SERPING1, C1-inhibiting factor, C1IN, C1 Inh, C1-INH, C1INH, C1NH, C1 Inhibitor, HAE1, HAE2, Plasma protease C1 inhibitor, C1 esterase inhibitor, Serpin G1
Target/Specificity	Human SERPING1/C1INH/C1 Inhibitor
Reconstitution & Storage	Affinity purified
Precautions	Anti-SERPING1 / C1 Inhibitor Antibody (clone 4G12) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SERPING1
Synonyms	C1IN, C1NH
Function	Serine protease inhibitor, which acrs as a regulator of the classical complement pathway (PubMed:10946292, PubMed:11527969, PubMed:3458172, PubMed:6416294). Forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases (PubMed:10946292, PubMed:3458172, PubMed:6416294). May also regulate blood coagulation, fibrinolysis and the generation of kinins (PubMed:8495195). Very efficient inhibitor of FXIIa. Inhibits chymotrypsin and kallikrein (PubMed:8495195).
Cellular Location	Secreted

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.