

PRODUCT SPECIFICATION



HYB 288-05 Anti Complement component C1 inhibitor (human, C1INH) *Mouse monoclonal antibody*

OVERVIEW	Article No.	(0.2 mL), (1.0 mL)		
	Product Name	HYB 288-05 Anti Complement component C1 inhibitor (human, C1INH)		
	Clone ID	8F3		
	Subclass	IgG1 / Kappa		
	Specificity	HYB 288-05 is specific for Complement component C1 inhibitor.		
	Species Reactivity	Human		
	Epitope Specificity	Not determined.		
	Immunogen	C1INH isolated from human plasma		
	Fusion Partner	X63-Ag8.653.		
	Culture Medium	Dulbecco's modified Eagle's medium with 10 % fetal calf serum		
TESTED APPLICATION	Method	Usability	References	
	Enzyme linked immunosorbent assay (ELISA)	YES	In house analysis	
	Immunohistochemistry (IHC)	N.D.		
	Western Blot (WB)	N.D.		
PRODUCT SPECIFIC INFORMATION	HYB 288-05 is useful in ELISA with human complement component C1 inhibitor directly coated onto the microtiter well and as detection antibody in a catching ELISA using a polyclonal antibody against C1INH as catching antibody.			
PROPERTIES	Conjugation:	Unconjugated		
	Form	Liquid		
	Preparation:	Protein A		
	Concentration:	1 mg/mL \pm 10%, based on A ₂₈₀ . See Certificate of Analysis for details.		
	Solvent:	PBS, pH 7.2 – 7.4		
	Storage information:	Store at \leq - 18 °C.		
TARGET	<p>Complement component C1 inhibitor (C1INH) is a serine protease inhibitor (serpin) with a molecular mass of 104 KDa. C1INH is a normal constituent of plasma with a concentration ranging from 180 – 220 μg/ml.</p> <p>C1INH functions as a regulator of the complement system by inactivating C1r and C1s of the classical pathway and MASP1 and MASP-2 of the lectin pathway. C1INH also regulates coagulation and fibrinolysis by inhibiting coagulation factors XIa and XIIa, plasma kallikrein, and the fibrinolytic proteases, plasmin, tPA and uPA.</p>			

SSI Antibodies

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REFERENCES

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Conditions

For research use only. Not for use in diagnostic procedures. Not for therapeutic use or applications.

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