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PRODUCT DATASHEET

Anti-Factor XII (heavy chain) Antibody

Product Details

Available Variants	100 uL (SKU:CAM 011-05-010) 400 uL (SKU:CAM 011-05-04) 1000 uL (SKU:CAM 011-05-1)
Conjugate	Unconjugated
Isotype	IgG1/k
Clone	38636
Gene Name	F12
Host Species	Mouse
Concentration	1 mg/mL ±15%
Format	Protein A or Protein G purified
Physical State	Liquid
Buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
Production Notes	BSA free
Applications	ELISA, WB
Species Reactivity	Human
Immunogen	Affinity purified human factor XII.
Specificity	CAM 011-05 binds the heavy chain of human factor XII, including factor XII derivatives such as α-factor XIIa and α-factor XIIa C1-inhibitor complexes. Differs from CAM 011-37.
Molecular Weight	50 kDa
Storage	2-8°C without exposure to light
UniProt ID	P00748 UniProt Summary: Factor XII is a serum glycoprotein that participates in the initiation of blood coagulation, fibrinolysis, and the generation of bradykinin and angiotensin. Prekallikrein is cleaved by factor XII to form kallikrein, which then

	cleaves factor XII first to alpha-factor XIIa and then trypsin cleaves it to beta-factor XIIa. Alpha-factor XIIa activates factor XI to factor XIa (PubMed:2019570, PubMed:21304106, PubMed:8427954). {ECO:0000269|PubMed:2019570, ECO:0000269|PubMed:21304106, ECO:0000269|PubMed:8427954}.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	2161

Product Images



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