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Product Datasheet

F8 - Coagulation factor VIII
GRP13213

Species/Host	Chicken
Reactivity	Human
Predicted Reactivity	Human
Immunogen	purified full length native human Coagulation Factor VIII-VWF-F VIII:c complex
Form/Appearance	Liquid in 0.9% NaCl, 0.1% sodium azide
Storage	Store at 4°C; make aliquots to avoid working with a stock. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid material adhering to the cap or sides of the tubes.
Note	For research use only.
Clonality	Polyclonal
Purity	Total IgY fraction
MW	267 kDa
Dilution Range	1 : 200 (IHC)
Application Notes	Additional Information: Immunohistochemistry: antibody was tested on bonin-fixed rat blood vessel. IgG concentration is 22.2 µg/µl Background: The factor VIII complex, with a molecular weight in excess of 1 million, has 2 components: (1) factor VIII P00451 (molecular weight of 267 kDa) called factor VIII C, when measured by procoagulant activity or factor VIII Ag, when measured immunologically; (2) factor VIII R P04275 (the von Willebrand factor or vWF) has a molecular weight of 225 kDa. Factor VIII, along with calcium and phospholipids, acts as a cofactor for factor IXa when it converts factor X to the activated form, factor Xa. Domain F5/8 type C 2 Is responsible for phospholipid binding and essential for factor VIII activity. Defects in F8 are the cause of hemophilia A (HEMA). HEMA is a common recessive X-linked coagulation disorder.