

Product Datasheet

Rabbit Human Factor VIII related antigen (VWD) Antibody (orb21225)

Catalog Number	orb21225
Category	Antibodies
Description	Rabbit polyclonal antibody to Factor VIII
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Delipidated, heat inactivated, lyophilized, stable whole serum. No preservative added. IgG protein concentration in the antiserum is 10 mg/ml. No foreign proteins added.
UniProt ID	P04275
RRID	AB_10752866
Specificity	Precipitating polyclonal Rabbit antiSerum to Human Von Willebrand Factor (FVIII VWF).
Antibody Type	Primary Antibody

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Source

Human FVIII procoagulant activity (FVIIIIC) is carried by a polypeptide non-covalently bound to a large carrier molecule (unit molecular weight 250 kD) known as the Von Willebrand factor (VWF). FVIII/VWF exists in plasma as a series of polymers with molecular weights > 1.100 kD. FVIIIIC is probably formed in the liver, is unstable on storage but sufficiently stable in fresh frozen plasma as cryoprecipitate or FVIII concentrate. VWF is synthesized in megakaryocytes and vascular endothelial cells; it is also present in the alpha-granules and membranes of platelets, binding to specific sites on the activated platelet after its release. It is responsible for platelet adhesion to the vascular subendothelium. FVIIIIC, but not VWF is completely consumed during coagulation and is absent from serum. Polyclonal antisera are raised against FVIII/VWF purified from plasma. Freund's complete adjuvant is used in the first step of the immunization procedure.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only

Expiration Date

12 months from date of receipt.

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