

Anti-Factor VIII antibody ab61370

2 References

概述

产品名称	Anti-Factor VIII抗体
描述	羊多克隆抗体to Factor VIII
宿主	Sheep
经测试应用	适用于: ELISA, Inhibition Assay
种属反应性	与反应: Human
免疫原	Recombinant full length Human Factor VIII
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Constituents: 50% Water, 50% Glycerol (glycerin, glycerine) 50% (v/v)Glycerol/Water
纯度	Ion Exchange Chromatography
纯化说明	Salt fractionation followed by ion exchange chromatography.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab61370于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration.
Inhibition Assay		Use at an assay dependent concentration. Binds FVIII/vWF complex in plasma.

靶标

功能	Factor VIII, along with calcium and phospholipid, acts as a cofactor for factor IXa when it converts factor X to the activated form, factor Xa.
疾病相关	Defects in F8 are the cause of hemophilia A (HEMA) [MIM:306700]. A disorder of blood coagulation characterized by a permanent tendency to hemorrhage. About 50% of patients have severe hemophilia resulting in frequent spontaneous bleeding into joints, muscles and internal organs. Less severe forms are characterized by bleeding after trauma or surgery. Note=Of particular interest for the understanding of the function of F8 is the category of CRM (cross-reacting material) positive patients (approximately 5%) that have considerable amount of F8 in their plasma (at least 30% of normal), but the protein is non-functional; i.e., the F8 activity is much less than the plasma protein level. CRM-reduced is another category of patients in which the F8C antigen and activity are reduced to approximately the same level. Most mutations are CRM negative, and probably affect the folding and stability of the protein.
序列相似性	Belongs to the multicopper oxidase family. Contains 3 F5/8 type A domains. Contains 2 F5/8 type C domains. Contains 6 plastocyanin-like domains.
结构域	Domain F5/8 type C 2 is responsible for phospholipid-binding and essential for factor VIII activity.
翻译后修饰	Sulfation on Tyr-1699 is essential for binding vWF.
细胞定位	Secreted > extracellular space.

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