abcam

Product datasheet

Anti-Factor VIII antibody ab61390

1 Abreviews 2 References

製品の概要

製品名	Anti-Factor VIII antibody
製品の詳細	Rat monoclonal to Factor VIII
由来種	Rat
アプリケーション	**適用あり:** WB, ELISA
種交差性	**交差種:** Mouse
免疫原	Recombinant full length Mouse Factor VIII

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Constituents: 50% Water, 50% Glycerol (glycerin, glycerine)
精製度	Ion Exchange Chromatography
特記事項（精製）	Salt fractionation followed by gel filtration and ion exchange chromatography
ポリ/モノ	モノクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab61390の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Predicted molecular weight: 267 kDa.
ELISA		Use at an assay dependent dilution.

ターゲット情報

機能	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.
関連疾患	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.
配列類似性	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.
ドメイン	Domain F5/8 type C 2 is responsible for phospholipid-binding and essential for factor VIII activity.
翻訳後修飾	Sulfation on Tyr-1699 is essential for binding vWF.
細胞内局在	Secreted > extracellular space.

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