abcam

Product datasheet

Anti-Factor VIII antibody [27.4] ab41188

1 References

製品の概要

製品名	Anti-Factor VIII antibody [27.4]
製品の詳細	Mouse monoclonal [27.4] to Factor VIII
由来種	Mouse
特異性	ab41188 does not cross react with the von Willebrand factor.
アプリケーション	**適用あり:** ELISA, WB
種交差性	**交差種:** Human
免疫原	N-terminal region of the 83kD light chain of purified human Factor VIII.
エピトープ	ab41188 recognises an epitope in the N-terminal region of the 83kD light chain of Factor VIII.
特記事項	Stable for at least 1 year at -20°C to -70°C.

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 or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: None Constituents: PBS, pH 7.4
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	27.4
アイソタイプ	IgG2a

アプリケーション

Our Abpromise guarantee covers the use of **ab41188** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ELISA		

アプリケーション	Abreviews	特記事項
WB		

追加情報	ELISA: 1/16,000. WB: Use at an assay dependent dilution. Predicted molecular weight: 267 kDa. Dilute in PBS or medium which is identical to that used in the assay system. Can inhibit Factor VIII activity in coagulation assays. Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

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.

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit http://www.abcam.co.jp/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors