

Datasheet

F8 monoclonal antibody

Catalog Number: MAB2173

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native F8.

Immunogen: Native purified human F8.

Host: Mouse

Reactivity: Human

Applications: ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Recognize full-length human Factor VIII.

Form: Liquid

Isotype: IgG1

Recommend Usage: ELISA (1:32000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4

Storage Instruction: Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2157

Gene Symbol: F8

Gene Alias: AHF, DXS1253E, F8B, F8C, FVIII, HEMA

Gene Summary: This gene encodes coagulation factor VIII, which participates in the intrinsic pathway of blood coagulation; factor VIII is a cofactor for factor IXa which, in the presence of Ca²⁺ and phospholipids, converts factor X to the activated form Xa. This gene produces two alternatively spliced transcripts. Transcript variant 1

encodes a large glycoprotein, isoform a, which circulates in plasma and associates with von Willebrand factor in a noncovalent complex. This protein undergoes multiple cleavage events. Transcript variant 2 encodes a putative small protein, isoform b, which consists primarily of the phospholipid binding domain of factor VIIIc. This binding domain is essential for coagulant activity. Defects in this gene results in hemophilia A, a common recessive X-linked coagulation disorder. [provided by RefSeq]