

## Mouse Factor VIII Monoclonal Antibody | anti-F8 antibody

Factor VIII antibody

|                              |                      |                                        |                                            |
|------------------------------|----------------------|----------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA74459</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human factor VIII</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|------------------------------|----------------------|----------------------------------------|--------------------------------------------|

### PRODUCT SYNONYMS

Factor VIII; Monoclonal Antibody; Factor VIII antibody; Monoclonal Factor VIII; Anti-Factor VIII; Complement Factor VIII; anti-F8 antibody

### PRODUCT SPECIFICATIONS

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                         | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reactivity                                   | Human factor VIII                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                                    | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Isotype                                      | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clone Number                                 | 10101                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity                                  | Human factor VIII                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Form/Format                                  | Purified IgG protein supplied in PBS.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Concentration                                | 0.7mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Sequence Length                              | 2351                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Applicable Applications for anti-F8 antibody | WB (Western Blot), ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Biological Significance                      | Factor VIII (FVIII) is an essential blood clotting factor also known as anti-hemophilic factor (AHF). In humans, Factor VIII is encoded by the F8 gene. Defects in this gene results in hemophilia A, a well known recessive X-linked coagulation disorder. Factor VIII participates in blood coagulation; it is a cofactor for factor IXa which, in the presence of Ca <sup>2+</sup> and phospholipids forms a complex that converts factor X to the activated form Xa. |
| Immunogen                                    | Factor VIII antibody was raised in mouse using purified human factor VIII as the immunogen.                                                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage                      | Aliquot and store at -70 degree C or lower. Avoid repeated freeze/thaw cycles                                                                                                                                                                                                                                                                                                                                                                                            |

### ADDITIONAL INFORMATION

|                                                  |                                       |
|--------------------------------------------------|---------------------------------------|
| Related Product Information for anti-F8 antibody | Mouse monoclonal Factor VIII antibody |
| Product Categories/Family for anti-F8 antibody   | <a href="#">Immunology</a>            |

### NCBI AND UNIPROT INFORMATION

|                         |                        |
|-------------------------|------------------------|
| NCBI GI #               | <a href="#">182803</a> |
| NCBI GeneID             | <a href="#">2157</a>   |
| Molecular Weight        | 24,641 Da              |
| NCBI Official Full Name | factor VIII            |

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI Official Synonym Full Names | coagulation factor VIII, procoagulant component |
| NCBI Official Symbol             | F8                                              |
| NCBI Official Synonym Symbols    | AHF; F8B; F8C; HEMA; FVIII; DXS1253E            |
| NCBI Protein Information         | coagulation factor VIII                         |
| UniProt Protein Name             | Coagulation factor VIII                         |
| UniProt Gene Name                | <b>F8</b>                                       |
| UniProt Synonym Gene Names       | F8C; AHF                                        |
| UniProt Entry Name               | FA8_HUMAN                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/factor-viii-antibody-clone-10101-western-blot-elisa/74459>