

# F11 monoclonal antibody

Catalog # MAB0272      Size 100 ug

## Specification

|                            |   |
|----------------------------|---|
| <b>Product Description</b> | Mouse monoclonal antibody raised against native F11.  |
| <b>Immunogen</b>           | Native purified Human F11.  |
| <b>Host</b>                | Mouse   |
| <b>Reactivity</b>          | Human   |
| <b>Specificity</b>         | This antibody recognizes human factor XI, 125I-factor XI, human factor Xla, BEGRck-factor Xla. It will inhibits clotting. |
| <b>Form</b>                | Liquid  |
| <b>Isotype</b>             | IgG   |
| <b>Recommend Usage</b>     | Western Blot (5 ug/mL)<br>The optimal working dilution should be determined by the end user.                              |
| <b>Storage Buffer</b>      | In PBS (50% glycerol)   |
| <b>Storage Instruction</b> | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.  |

## Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- Radioimmunoassay

## Gene Info — F11

|                    |   |
|--------------------|---|
| Entrez GeneID      | <a href="#">2160</a>  |
| Gene Name          | F11   |
| Gene Alias         | FXI, MGC141891  |
| Gene Description   | coagulation factor XI   |
| Omim ID            | <a href="#">264900</a>  |
| Gene Ontology      | <a href="#">Hyperlink</a>   |
| Gene Summary       | <p>This gene encodes coagulation factor XI of the blood coagulation cascade. This protein is present in plasma as a zymogen, which is a unique plasma coagulation enzyme because it exists as a homodimer consisting of two identical polypeptide chains linked by disulfide bonds. During activation of the plasma factor XI, an internal peptide bond is cleaved by factor XIIa (or XII) in each of the two chains, resulting in activated factor XIa, a serine protease composed of two heavy and two light chains held together by disulfide bonds. This activated plasma factor XI triggers the middle phase of the intrinsic pathway of blood coagulation by activating factor IX. Defects in this factor lead to Rosenthal syndrome, a blood coagulation abnormality. [provided by RefSeq]</p> |
| Other Designations | plasma thromboplastin antecedent platelet coagulation factor XI   |

## Pathway

- [Complement and coagulation cascades](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Factor XI Deficiency](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Pre-Eclampsia](#)

- [Thrombophilia](#)
- [Venous Thrombosis](#)