

## F9 polyclonal antibody

Catalog # PAB5041

Size 150 ug

### Specification

Product Description	Rabbit polyclonal antibody raised against native F9.
Immunogen	Native purified human F9.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Native Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.5 (50% glycerol, 0.01% thimerosal)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains thimerosal: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

### Applications

- Western Blot
- Immunoprecipitation
- Enzyme Immunoassay

### Gene Info — F9

Entrez GeneID	<a href="#">2158</a>
Gene Name	F9
Gene Alias	FIX, HEMB, MGC129641, MGC129642, PTC
Gene Description	coagulation factor IX
Omim ID	<a href="#">306900</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes vitamin K-dependent coagulation factor IX that circulates in the blood as an in active zymogen. This factor is converted to an active form by factor XIa, which excises the activation peptide and thus generates a heavy chain and a light chain held together by one or more disulfide bonds. The role of this activated factor IX in the blood coagulation cascade is to activate factor X to its active form through interactions with Ca <sup>2+</sup> ions, membrane phospholipids, and factor VIII. Alterations of this gene, including point mutations, insertions and deletions, cause factor IX deficiency, which is a recessive X-linked disorder, also called hemophilia B or Christmas disease. [provided by RefSeq]
Other Designations	Christmas factor OTTHUMP00000024154 coagulant factor IX factor 9 factor IX plasma thromboplastin component

## Pathway

- [Complement and coagulation cascades](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hemophilia A](#)
- [Hemophilia B](#)
- [Liver Cirrhosis](#)
- [Venous Thrombosis](#)