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F9

Reactivity: Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:59kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human F9

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

F9;FIX;HEMB;MGC129641;MGC129642;P19;PTC;

Catalog #:A1578

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:2158

Isotype: IgG

Swiss Prot:P00740

Purity: Affinity purification

For research use only.

Background:

This gene encodes vitamin K-dependent coagulation factor IX that circulates in the blood as an inactive 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+2 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, Jul 2008]

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