

## Factor IX HC (V227) polyclonal antibody

Catalog: BCP00761

Host: Rabbit

Reactivity: Human,Rat,Mouse

### BackGround:

Hemostasis following tissue injury involves the deployment of essential plasma procoagulants (Prothrombin and factors X, IX, V and VIII), which are involved in a blood coagulation cascade that leads to the formation of insoluble Fibrin clots and the promotion of platelet aggregation. Coagulation Factor IX (plasma thromboplastic component, F9, F.IX, HEMB) is a vitamin Kdependent, single chain serine protease that is synthesized in the liver and circulates as an inactive precursor. Factor XI A mediated proteolytic cleavage of Factor IX generates Factor IX A, an active serine protease composed of a 145 amino acid light chain and a 236 amino acid catalytic heavy chain, linked through disulfide bonds. Genetic alterations at the Factor IX locus such as point mutations, insertions and deletions, can lead to hemophilia B, also known as Christmas disease.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 28 kDa

### Swiss-Prot:

P00740

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

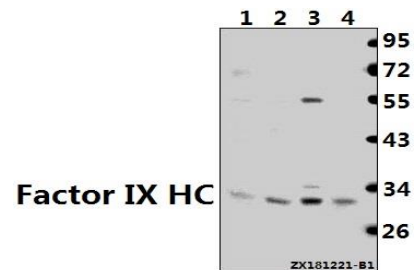
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Factor IX HC (V227) polyclonal antibody detects endogenous levels of Factor IX HC protein.

### DATA:



Western blot (WB) analysis of Factor IX HC (V227) polyclonal antibody at 1:500 dilution

Lane1:H9C2 whole cell lysate(40ug)

Lane2:Jurkat whole cell lysate(40ug)

Lane3:K562 whole cell lysate(40ug)

Lane4:AML-12 whole cell lysate(40ug)

### Note:

For research use only, not for use in diagnostic procedure.