

Rabbit anti-Human Factor IX Monoclonal Antibody | anti-F9 antibody

Recombinant Anti-Factor IX Antibody, Rabbit Monoclonal

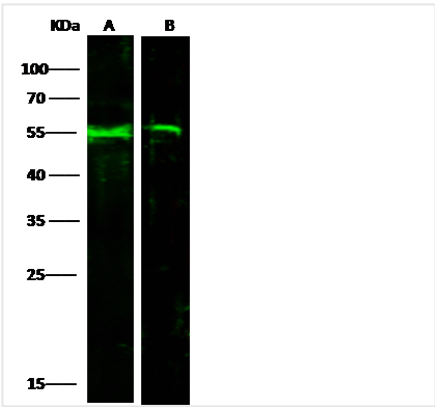
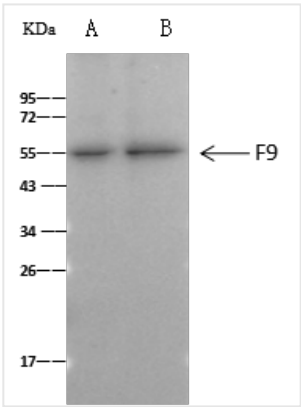
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255419	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

Factor IX; Monoclonal Antibody; Recombinant Anti-Factor IX Antibody; Rabbit Monoclonal; Coagulation Factor IX/FIX/F9 Antibody; Rabbit MAb; coagulation factor IX; Anti-Coagulation factor 9 Antibody; Anti-Coagulation factor IX Antibody; Anti-FIX Antibody; Anti-HEMB Antibody; Anti-P19 Antibody; Anti-PTC Antibody; Anti-THPH8 Antibody; anti-F9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	034
Specificity	Human Coagulation Factor IX/FIX/F9
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-F9 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human Coagulation Factor IX/FIX/F9 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human Coagulation Factor IX/FIX/F9 (rh Coagulation Factor IX/FIX/F9).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

F9 was immunoprecipitated using: Lane A: 0.5 mg A431 Whole Cell Lysate; Lane B: 0.5 mg Jurkat Whole Cell Lysate; 0.5 uL anti-F9 rabbit monoclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-F9 rabbit monoclonal antibody, at 1:500 dilution; Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 55 kDa; Observed band size: 55 kDa.

WB (Western Blot)

Anti-F9 rabbit monoclonal antibody at 1:500 dilution; Lane A: A431 Whole Cell Lysate; Lane B: Jurkat Whole Cell Lysate; Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 52 kDa; Observed band size: 55 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-F9 antibody	Coagulation factor IX, also known as Christmas factor, Plasma thromboplastin component and PTC, is a secreted protein which belongs to the peptidase S1 family. Coagulation factor IX/F9 contains two EGF-like domains, one Gla (gamma-carboxy-glutamate) domain and one?peptidase S1 domain. Coagulation factor IX/F9 is a vitamin K-dependent plasma protein that participates in the intrinsic pathway of blood coagulation by converting factor X to its active form in the presence of Ca2+ons, phospholipids, and factor VIIIa. Defects in Coagulation factor IX/F9 are the cause of thrombophilia due to factor IX defect which is a hemostatic disorder characterized by a tendency to thrombosis. Defects in Coagulation factor IX/F9 are also the cause of recessive X-linked hemophilia B (HEMB) which also known as Christmas disease.
References	Onay U.V., et al., 2003, Br. J. Haematol. 120:656-659. Vidal F., et al., 2000, Br. J. Haematol. 111:549-551. Simioni P., et al., 2009, N. Engl. J. Med. 361:1671-1675. Espinos C., et al., 2009, Haematologica 88:235-236.

NCBI AND UNIPROT INFORMATION

NCBI GI #	182613
NCBI GeneID	2158
Molecular Weight	47,618 Da
NCBI Official Full Name	factor IX
NCBI Official Synonym Full Names	coagulation factor IX
NCBI Official Symbol	F9
NCBI Official Synonym Symbols	FIX; P19; PTC; HEMB; THPH8; F9 p22
NCBI Protein Information	coagulation factor IX

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.