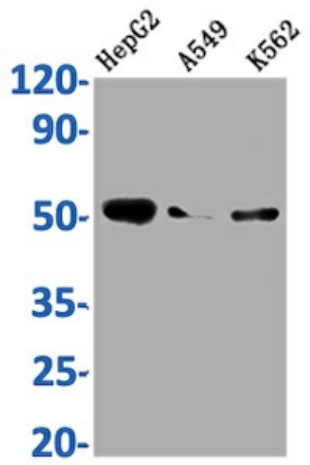
RecomAb™

F9 recombinant monoclonal antibody, clone 3G3

Catalog # RAB04137 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: HepG2 whole cell lysate; Lane 2: A549 whole cell lysate; Lane 3: K562 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human F9.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to full length human F9.
Reactivity	Human
Form	Liquid
Purification	Affinity-chromatography
Isotype	IgG
Recommend Usage	ELISA Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot

  Western Blot analysis of Lane 1: HepG2 whole cell lysate; Lane 2: A549 whole cell lysate; Lane 3: K562 whole cell lysate.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — F9

Entrez GeneID	2158
Protein Accession#	P00740
Gene Name	F9
Gene Alias	FIX, HEMB, MGC129641, MGC129642, PTC
Gene Description	coagulation factor IX
Omim ID	306900
Gene Ontology	Hyperlink
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 activati on peptide and thus generates a heavy chain and a light chain held together by one or more disulfi de 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 deficie ncy, which is a recessive X-linked disorder, also called hemophilia B or Christmas disease. [provi ded by RefSeq
Other Designations	Christmas factor|OTTHUMP00000024154|coagulant factor IX|factor 9|factor IX|plasma thrombopl astic component

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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

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