



Rabbit Anti-Human Factor IX monoclonal antibody, clone S125 (CABT-ZB904)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human Factor IX
Target	F9
Immunogen	Recombinant Human Coagulation Factor IX/FIX/F9 Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S125
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB541 - CABT-ZB904 This antibody will detect Factor IX in antibody pair set. [ABPR-ZB117]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human Coagulation Factor IX / FIX / F9.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL

Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	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 Ca ²⁺ ions, 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.
Keywords	F9; coagulation factor IX; FIX; P19

GENE INFORMATION

Synonyms	F9; coagulation factor IX; FIX; P19; PTC; HEMB; THPH8; F9 p22; FIX F9; factor 9; factor IX F9; Christmas factor; plasma thromboplastic component; plasma thromboplastin component
Entrez Gene ID	2158
UniProt ID	P00740