

**Anti-Factor IX (human, Christmas factor)****Mouse monoclonal antibody**Subclass: IgG<sub>1</sub>/k

CAT. NO.

**HYB 133-09**

Clone: 13B9

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SPECIFICITY	HYB 133-09 has specificity for native human factor IX.
IMMUNOGEN	Factor IX isolated from human plasma
TESTED APPLICATIONS	ELISA, WB
SPECIES REACTIVITY (POSITIVE)	Human
SPECIES REACTIVITY (NEGATIVE)	Not determined
EPITOPE SPECIFICITY	Epitope specificity differs from that of HYB 133-01 as determined by inhibition ELISA.

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**PRESENTATION**

Content:	Available in 200 µL and 1 mL size. 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation:	Protein-A purified
Form:	Liquid
Solvent:	0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
Storage:	4-8°C without exposure to light. No precautions necessary during handling.

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**APPLICATION**

**ELISA:** HYB 133-09 reacts strongly with native factor IX. Strong reaction is seen in ELISA with native factor IX directly coated onto the microtiter plate. In sandwich ELISA it can be used in combination with a polyclonal antibody against factor IX.

**WB:** In Western blotting after SDS-PAGE, HYB 133-09 reacts with factor IX in reduced as well as in non-reduced form.

**TARGET**

Coagulation factor IX is a single chain polypeptide with a molecular mass of 57 kDa. Normal concentrations of factor IX in human plasma is app. 3 µg/ml. Factor IX deficiency and lack of coagulation activity is seen in patients suffering from the innate X-chromosome linked disorder, haemophilia B.

**REFERENCES****CONDITIONS**

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