

F9 / Factor IX Antibody
Sheep Polyclonal Antibody
Catalog # ALS14483**Specification**

F9 / Factor IX Antibody - Product Information

Application	IHC-P, E, IE
Primary Accession	P00740
Reactivity	Human
Host	Sheep
Clonality	Polyclonal
Calculated MW	52kDa KDa
Dilution	IHC-P~~N/A E~~N/A IE~~N/A

F9 / Factor IX Antibody - Additional Information**Gene ID** 2158**Other Names**

Coagulation factor IX, 3.4.21.22, Christmas factor, Plasma thromboplastin component, PTC, Coagulation factor IXa light chain, Coagulation factor IXa heavy chain, F9

Target/Specificity

Recognizes human Factor IX as demonstrated by immunodiffusion. A single positive reactivity band was observed with Normal Human Plasma. No reaction was observed against F. IX-deficient plasma.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

F9 / Factor IX Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

F9 / Factor IX Antibody - Protein Information**Name** F9**Function**

Factor IX 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.

Cellular Location

Secreted

Tissue Location

Detected in blood plasma (at protein level) (PubMed:19846852, PubMed:2592373, PubMed:3857619, PubMed:8295821, PubMed:9169594). Synthesized primarily in the liver and secreted in plasma.

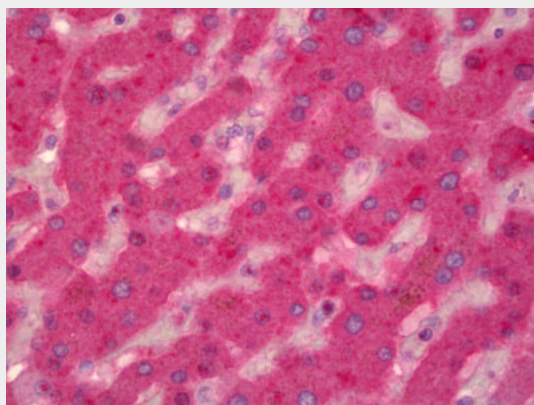
Volume

50 µl

F9 / Factor IX Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

F9 / Factor IX Antibody - Images

Anti-F9 / Factor IX antibody IHC of human liver.

F9 / Factor IX Antibody - Background

Factor IX 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.

F9 / Factor IX Antibody - References

Kurachi K., et al. Proc. Natl. Acad. Sci. U.S.A. 79:6461-6464(1982).
Jaye M., et al. Nucleic Acids Res. 11:2325-2335(1983).
Anson D.S., et al. EMBO J. 3:1053-1060(1984).
Yoshitake S., et al. Biochemistry 24:3736-3750(1985).
McGraw R.A., et al. Proc. Natl. Acad. Sci. U.S.A. 82:2847-2851(1985).