10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

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

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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.

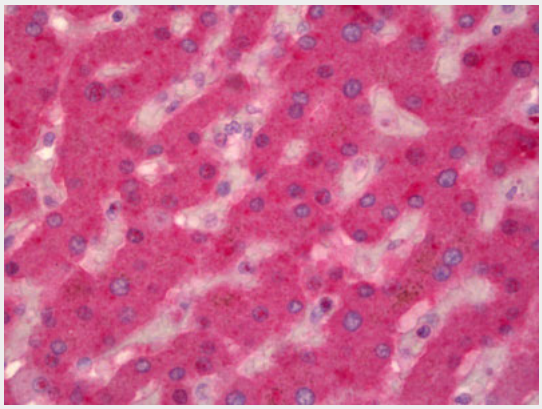
Volume
50 µl

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 Cytomety
- 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).
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