

F2 / Prothrombin / Thrombin Antibody
Mouse Monoclonal Antibody
Catalog # ALS12319**Specification**

F2 / Prothrombin / Thrombin Antibody - Product Information

Application	IHC
Primary Accession	P00734
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	70kDa KDa

F2 / Prothrombin / Thrombin Antibody - Additional Information**Gene ID** 2147**Other Names**

Prothrombin, 3.4.21.5, Coagulation factor II, Activation peptide fragment 1, Activation peptide fragment 2, Thrombin light chain, Thrombin heavy chain, F2

Target/Specificity

Recognizes human Prothrombin, prethrombin-1, fragment 2, meizothrombin. Inhibits clotting and prothrombin activation.

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

F2 / Prothrombin / Thrombin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

F2 / Prothrombin / Thrombin Antibody - Protein Information**Name** F2**Function**

Thrombin, which cleaves bonds after Arg and Lys, converts fibrinogen to fibrin and activates factors V, VII, VIII, XIII, and, in complex with thrombomodulin, protein C. Functions in blood homeostasis, inflammation and wound healing.

Cellular Location

Secreted, extracellular space.

Tissue Location

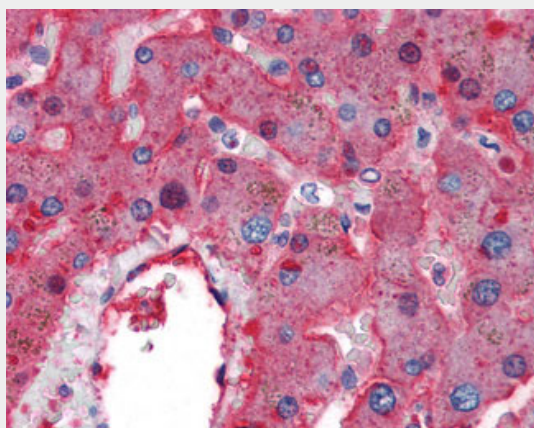
Expressed by the liver and secreted in plasma.

F2 / Prothrombin / Thrombin 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](#)

F2 / Prothrombin / Thrombin Antibody - Images



Anti-F2 / Thrombin antibody IHC of human liver.

F2 / Prothrombin / Thrombin Antibody - Background

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F2 / Prothrombin / Thrombin Antibody - References

Degen S.J.F., et al. *Biochemistry* 26:6165-6177(1987).
Wang W., et al. *Haemophilia* 10:94-97(2004).
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Suzuki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Degen S.J.F., et al. *Biochemistry* 22:2087-2097(1983).