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Datasheet for ABIN7426067
anti-Prothrombin antibody

3 Images

Overview

Quantity:	100 µL
Target:	Prothrombin (F2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Prothrombin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Coagulation Factor II (F2)
Immunogen:	Recombinant Coagulation Factor II (F2) corresponding to N-terminal His Tag
Clone:	D1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against F2. It has been selected for its ability to recognize F2 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	Prothrombin (F2)
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Target Details

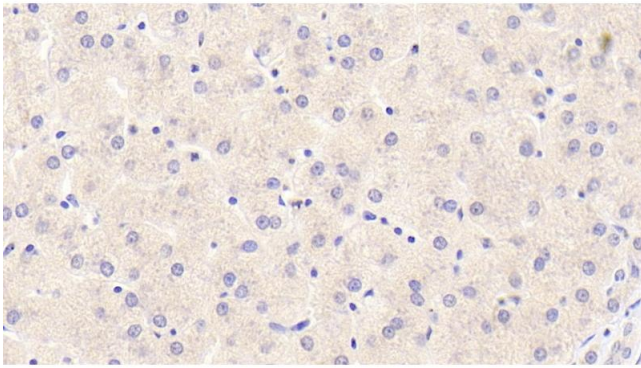
Alternative Name:	Coagulation Factor II (F2 Products)
Background:	FII, TM, PT, Thrombin, Prothrombin, Pro-Thrombin, Activation peptide fragment 1, Activation peptide fragment 2
Pathways:	Complement System , Peptide Hormone Metabolism , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

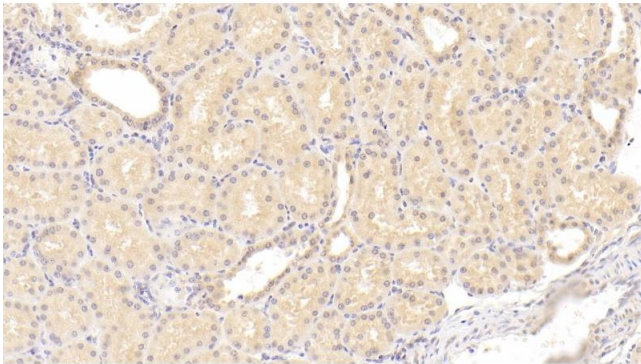
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



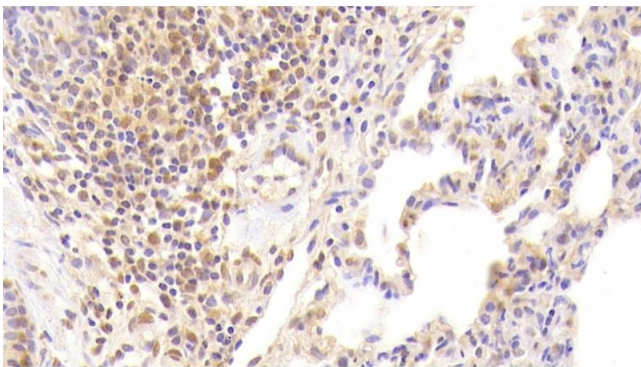
Immunohistochemistry

Image 1. Detection of F2 in Human Liver Tissue using Monoclonal Antibody to Coagulation Factor II (F2)



Immunohistochemistry

Image 2. Detection of F2 in Human Kidney Tissue using Monoclonal Antibody to Coagulation Factor II (F2)



Immunohistochemistry

Image 3. Detection of F2 in Human Lung Tissue using Monoclonal Antibody to Coagulation Factor II (F2)