

À des fins de recherche uniquement

# Anticorps Monoclonal anti-Factor X

Numéro de catalogue: 66753-1-Ig



## Informations de base

|  |   |  |
|--|---|--|
| Numéro de catalogue:<br>66753-1-Ig   | Numéro d'acquisition GenBank:<br>BC046125 | Méthode de purification:<br>Purification par protéine A                            |
| Taille:<br>150ul, Concentration: 1800 µg/ml by<br>Nanodrop and 1000 µg/ml by Bradford<br>method using BSA as the standard; | Identification du gène (NCBI):<br>2159    | CloneNo.:<br>3D3F11  |
| Hôte:<br>Mouse   | Nom complet:<br>coagulation factor X      | Dilutions recommandées:<br>WB 1:5000-1:50000<br>IHC 1:500-1:2000<br>IF 1:200-1:800 |
| Isotype:<br>IgG1   | MW calculé<br>488 aa, 55 kDa              |  |
| Immunogen Catalog Number:<br>AG11664   | MW observés:<br>50 kDa                    |  |

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Spécificité de l'espèce:

Humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : tissu plasmatique humain,

IHC : tissu hépatique humain,

IF : tissu hépatique humain,

## Informations générales

Coagulation factor X (F10) is a vitamin K-dependent glycoprotein that participates in the middle phase of the blood coagulation cascade (PMID: 1931959; 1313796). It is synthesized as a single-chain precursor in the liver where it undergoes a number of covalent processing steps before secretion into the blood as a two-chain molecule linked by a disulfide bond (PMID: 1313796). The light chain contains 2 EGF-like domains, while the heavy chain contains the catalytic domain which is structurally homologous to those of the other hemostatic serine proteases. Factor X is activated into factor Xa, by both the extrinsic and intrinsic pathway. The activated factor then converts prothrombin to thrombin in the presence of factor Va, calcium and phospholipid during blood clotting.

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

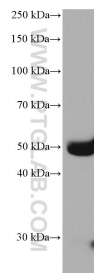
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

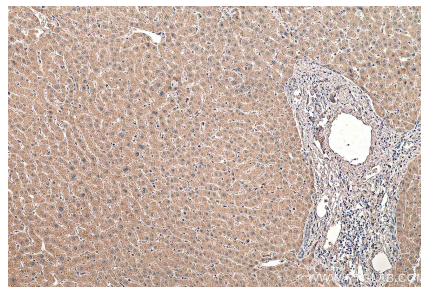
E: proteintech@ptglab.com  
W: ptglab.com

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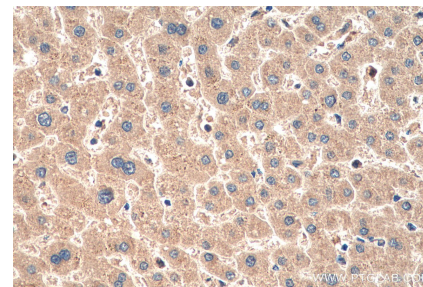
## Données de validation sélectionnées



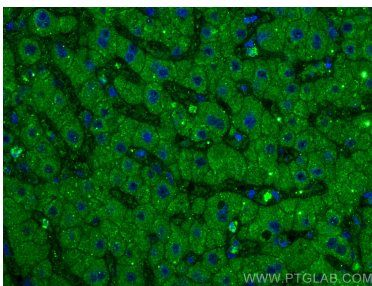
human plasma were subjected to SDS PAGE followed by western blot with 66753-1-Ig (Factor X antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66753-1-Ig (Factor X antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66753-1-Ig (Factor X antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human liver tissue using Factor X antibody (66753-1-Ig, Clone: 3D3F11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).