

Recombinant

DGRmAb®

Factor X (DGR16665) Rabbit mAb (PBS Only)

db14826-PBS

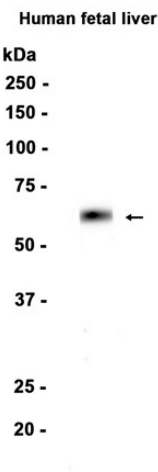
Package : 100µg

Product Name : Factor X (DGR16665) Rabbit mAb (PBS Only)**Cat.No.:** db14826-PBS**Synonyms** : FX; FXA**Application** : WB, IHC-P**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes the vitamin K-dependent coagulation factor X of the blood coagulation cascade. This factor undergoes multiple processing steps before its preproprotein is converted to a mature two-chain form by the excision of the tripeptide RKR. Two chains of the factor are held together by 1 or more disulfide bonds; 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. The mature factor is activated by the cleavage of the activation peptide by factor IXa (in the intrinsic pathway), or by factor VIIa (in the extrinsic pathway). The activated factor then converts prothrombin to thrombin in the presence of factor Va, Ca²⁺, and phospholipid during blood clotting. Mutations of this gene result in factor X deficiency, a hemorrhagic condition of variable severity. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing to generate mature polypeptides. [provided by RefSeq, Aug 2015]

Immunogen Recombinant protein of human Factor X**Gene ID** 2159**Swiss Prot** P00742**Synonyms** FX; FXA**Reactivity** Human**Application** WB, IHC-P**Recommended dilution** WB: 1:2000-1:20000
IHC-P: 1:200-1:1000**Calculated MW** 55 kDa**Observed MW** 60 kDa**Host species** Rabbit

Clonality	Monoclonal
Clonality No.	DGR16665
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Human fetal liver tissue using [db14826](#)