Product datasheet

Anti-F2 Antibody (Clone#ACBD-6)

Catalog Number: *BM5224*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-F2 Antibody (Clone#ACBD-6)
Gene Name	F2
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB, IP
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human Prothrombin
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	70-100 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 ImmunoPrecipitation (IP):1:20

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

F2(Coagulation Factor II), also known as thrombin, is a serine protease that in humans is encoded by the F2 gene. Royle et al.(1987) assigned the gene for human prothrombin(F2) to chromosome 11p11-q12 by analysis of a panel of somatic cell hybrid DNAs and by in situ hybridization, using both cDNA and genomic probes. The activated thrombin enzyme plays an important role in hemostasis and thrombosis: it converts fibrinogen to fibrin for blood clot formation, stimulates platelet aggregation, and activates coagulation factors V, VIII(F8), and XIII(F13A1). Thrombin also inhibits coagulation by activating protein C.

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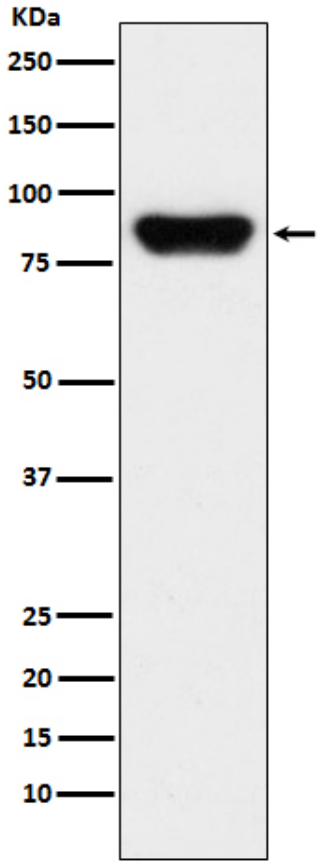
Selected Validation Data



Western blot analysis of Prothrombin expression in human serum lysate.