

Product Datasheet

Factor IX Antibody (2C9) - Azide and BSA Free H00002158-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00002158-M01

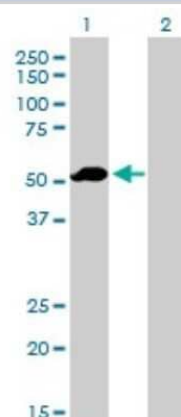
Factor IX Antibody (2C9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2C9
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2158
Gene Symbol	F9
Species	Human, Mouse
Specificity/Sensitivity	F9 - coagulation factor IX (plasma thromboplastic component, Christmas disease, hemophilia B)
Immunogen	F9 (NP_000124, 96 a.a. ~ 190 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QCESNPCLNGGSKDDINSYECWCPFGFEGKNCELDVTCNIKNGRCEQFCKN SADNKVVCSTEGYRLAENQKSCEPAVPFPCGRVSVSQTSKLT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunoprecipitation 1:10-1:500, Knockdown Validated
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for RNAi Validation and ELISA.

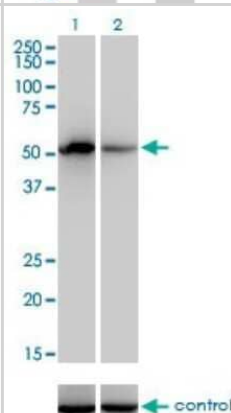


Images

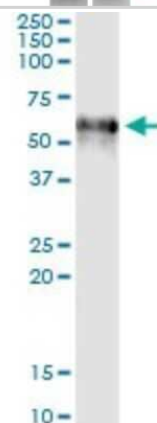
Western Blot: Factor IX Antibody (2C9) [H00002158-M01] - Analysis of F9 expression in transfected 293T cell line by F9 monoclonal antibody (M01), clone 2C9. Lane 1: F9 transfected lysate(51.8 KDa). Lane 2: Non-transfected lysate.



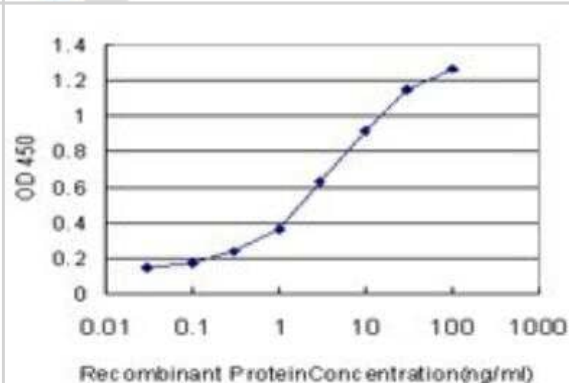
Western Blot: Factor IX Antibody (2C9) [H00002158-M01] - Analysis of F9 over-expressed 293 cell line, cotransfected with F9 Validated Chimera RNAi (Cat # H00002158-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with F9 monoclonal antibody (M01), clone 2C9 (Cat # H00002158-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Immunoprecipitation: Factor IX Antibody (2C9) [H00002158-M01] - Analysis of F9 transfected lysate using anti-F9 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with F9 MaxPab rabbit polyclonal antibody.



ELISA: Factor IX Antibody (2C9) [H00002158-M01] - Detection limit for recombinant GST tagged F9 is approximately 0.1ng/ml as a capture antibody.



Publications

Krooss S, Werwitzke S, Kopp J et al. Pathological mechanism and antisense oligonucleotide-mediated rescue of a non-coding variant suppressing factor 9 RNA biogenesis leading to hemophilia B. PLoS Genet. 2020-04-08 [PMID: 32267853]



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Products Related to H00002158-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
1290-IL-010	IL-23A/IL-23 P19 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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