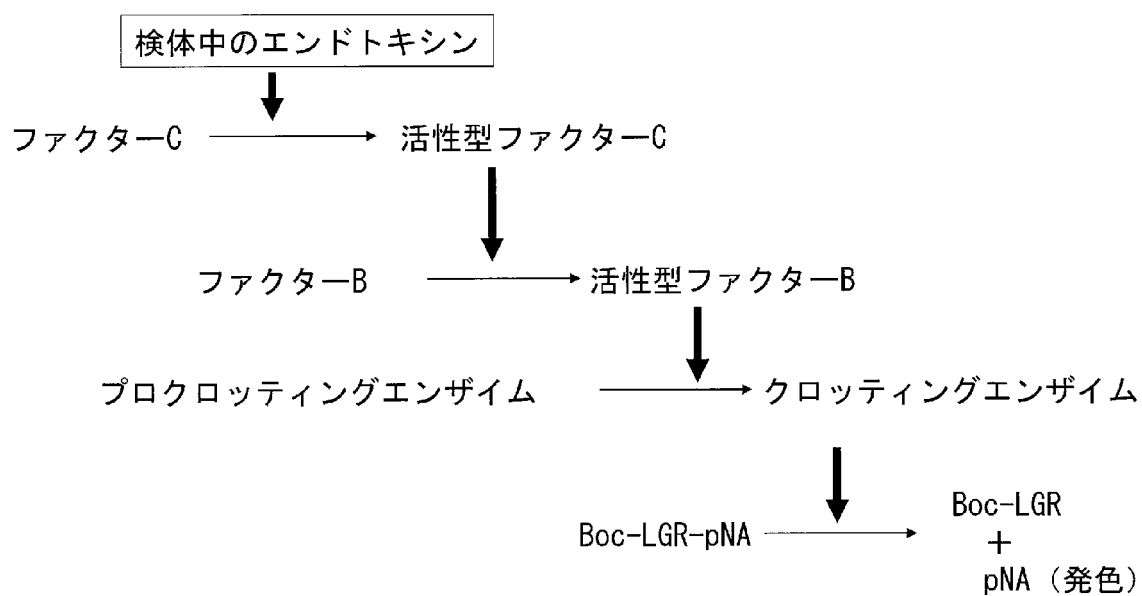
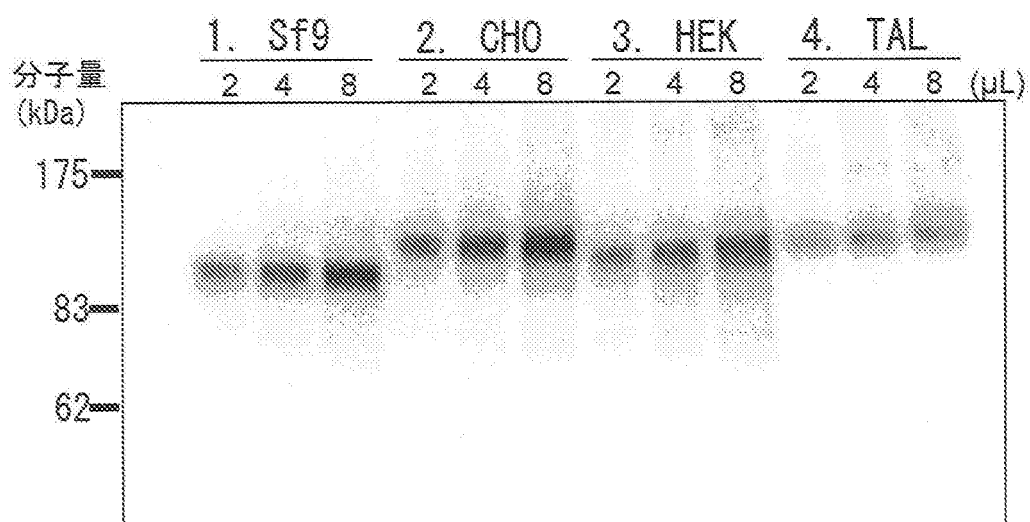


[図1]



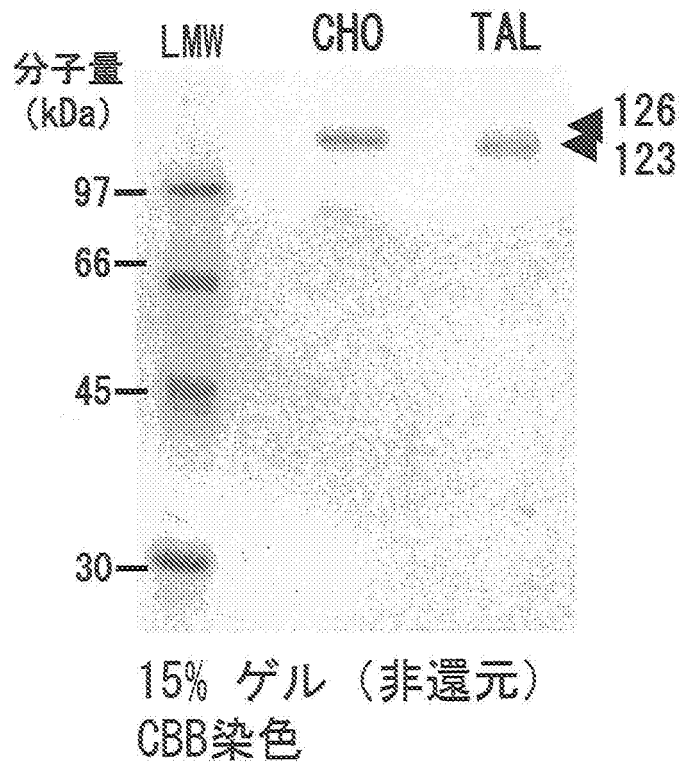
[図2]



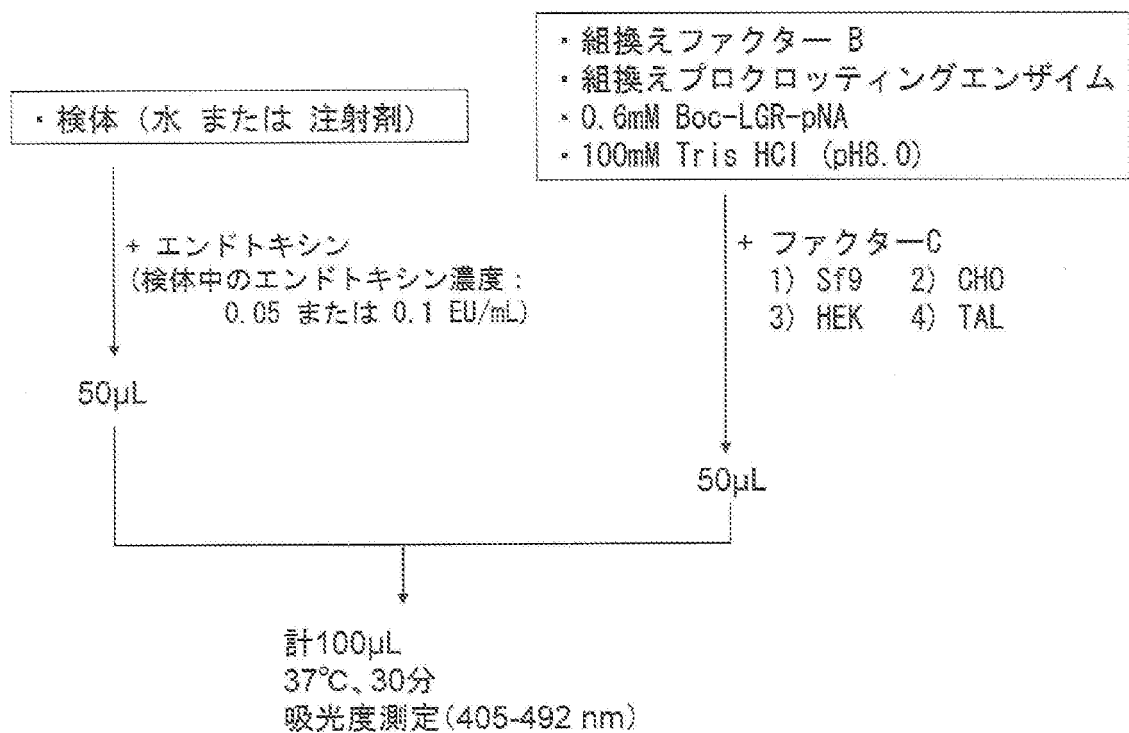
一次抗体: 抗ファクターC モノクローナル抗体 (2012)

電気泳動条件: 非還元

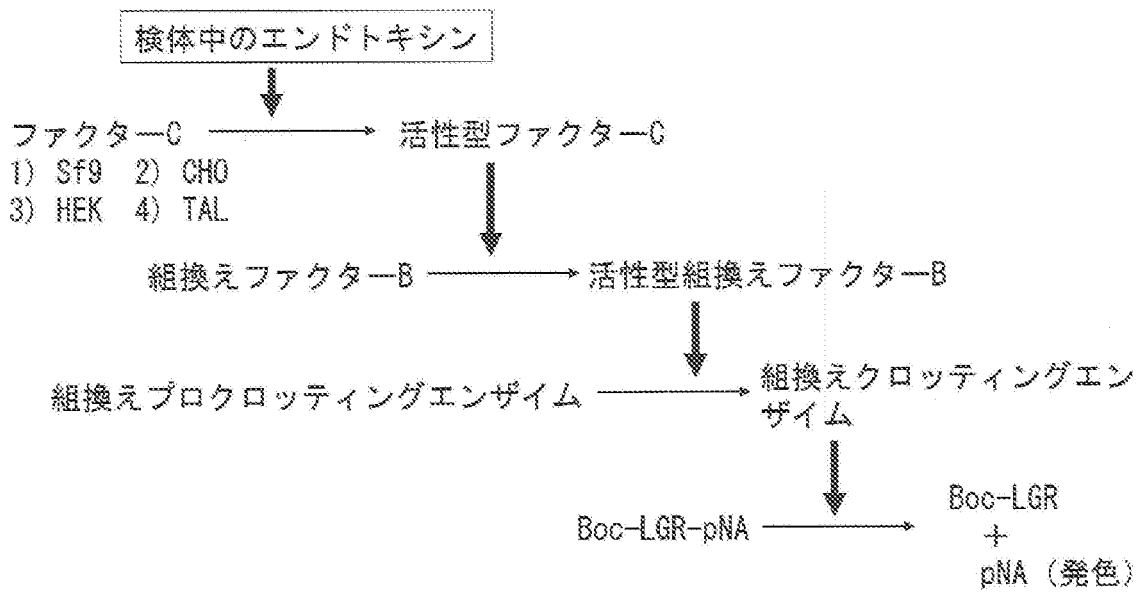
[図3]



[図4]



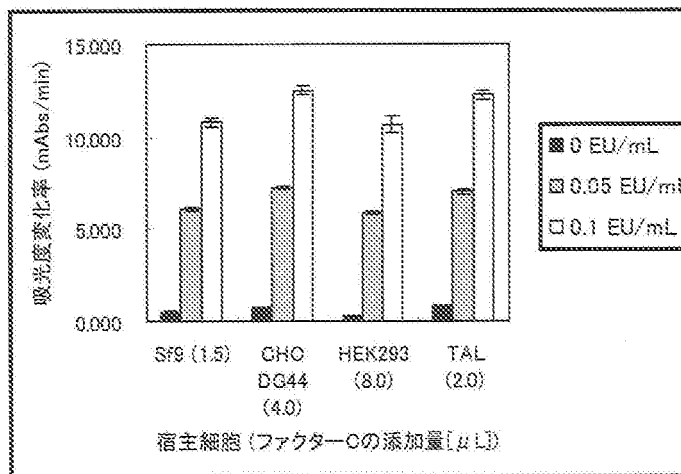
[図5]



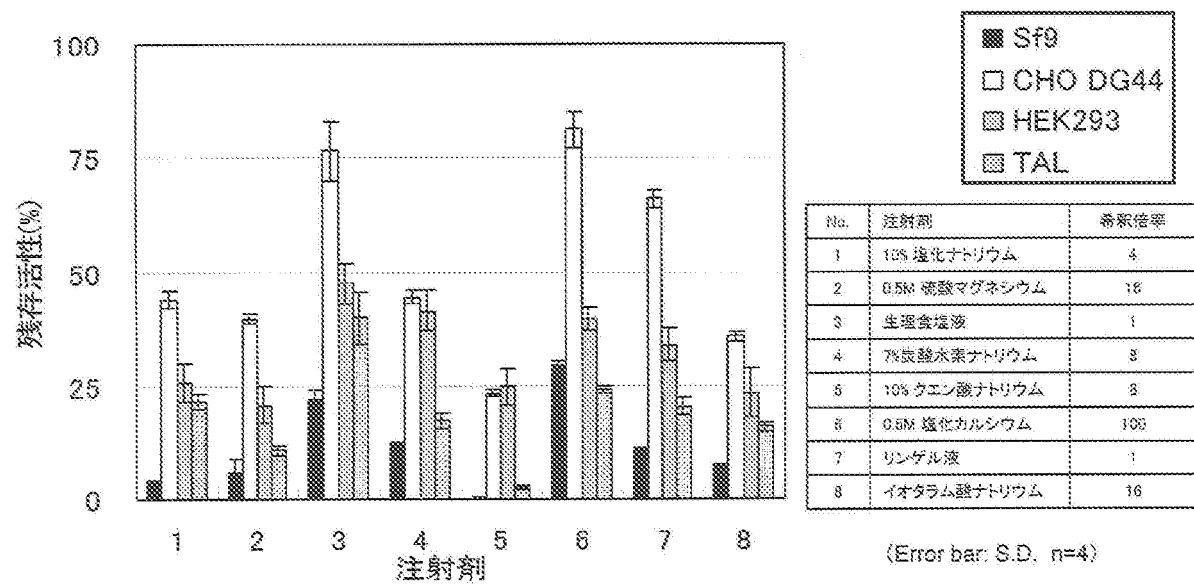
[図6]

ファクターCの 宿主細胞	ファクターCの添加量 (μ L)	エンドトキシン濃度 (EU/mL)	吸光度変化率 (平均値 $\pm$ S.D.) (mAbs/min)
Sf9	1.5	0	0.520 $\pm$ 0.015
		0.05	6.095 $\pm$ 0.108
		0.1	10.795 $\pm$ 0.246
CHO DG44	4	0	0.770 $\pm$ 0.021
		0.05	7.260 $\pm$ 0.087
		0.1	12.510 $\pm$ 0.255
HEK293	8	0	0.300 $\pm$ 0.017
		0.05	5.885 $\pm$ 0.125
		0.1	10.685 $\pm$ 0.417
TAL	2	0	0.840 $\pm$ 0.055
		0.05	7.030 $\pm$ 0.140
		0.1	12.270 $\pm$ 0.255

n=3



[図7]



TtFC	MVLASFLVSGLVGLGTLAQMTRFVQSGVDGLGCDTREFECKGDPGYVFNPMKQCTYFY	60
834CrID4	MVLASFLVSGLVGLGTLAQMTRFVQSGVDGLGCDTREFECKGDPGYVFNPMKQCTYFY	
TtFC	RWRPYCKPCDDLEAKDIPCKYKRCQCEKAGLDSCVTCPPNKYGTWCSGECQCKNGGICDQ	120
834CrID4	RWRPYCKPCDDLEAKDIPCKYKRCQCEKAGLDSCVTCPPNKYGTWCSGECQCKNGGICDQ	
TtFC	RTGACTCRDRYEGAHCEILKGGCPLLPSDSQVQVEVRNPPDNPTIDYSCSPGFKLGVARI	180
834CrID4	RTGACACRDRYEGVHCEILKGGCPLLPSDSQVQVEVRNPPDNPTIDYSCSPGFKLGVMARI	
TtFC	SCLPNGQWSSFPKCIKRECAKVSSPEHGKVNAPSGNMIEGATLRFSGDSPYYLIGQETLT	240
834CrID4	SCLPNGQWSSFPKCIKRECAKVSSPEHGKVNALSGDMIEGATLRFSGDSPYYLIGQETLT	
TtFC	CQNGQWSSGQIPQCKKLVCPLDLPVNHAHEQVKIGVEQKYQGFPGTEVITYCSGNYFL	300
834CrID4	CQNGQWSSGQIPQCKKLVCPLDLPVNHAHEQVKIGVEQKYQGFPGTEVITYCSGNYFL	
TtFC	MGFNTLKCNPDGSSWSGSPSCVKVADREVDGCDKAVDFLDVVGEPVRIHCPAGCSLTAGT	360
834CrID4	MGFNTLKCNPDGSSWSGSPSCVKVADREVDGCDKAVDFLDVVGEPVRIHCPAGCSLTAGT	
TtFC	VWGTATYHELSSVCRAAIHAGKLPNSGGAVHVNNGPYSDFLGSDNLGKSEELKSLARS	420
834CrID4	VWGTATYHELSSVCRAAIHAGKLPNSGGAVHVNNGPYSDFLGSDNLGKSEELKSLARS	
TtFC	FRFDYVSSSTAGRSQCPDQWFEVEENCVYVTSKQRAWERAQGVCTNMAARLAVLDKDLIP	480
834CrID4	FRFDYVSSSTAGRSQCPDQWFEVEENCVYVTSKQRAWERAQGVCTNMAARLAVLDKDVIP	
TtFC	SSLTETLRQKGLTTIWIGLHRLDAEKPFVWELMORSNVVLDNDLTFWASGEPGNETNGVY	540
834CrID4	SSLTETLRQKGLTTIWIGLHRLDAEKPFVWELMORSNVVLDNDLTFWASGEPGNETNGVY	
TtFC	LDIRDQLQPVWTKSCFQPSFACMMDLSDRNKAKCDDPGPLENGHATLHGQSIDGFIYAG	600
834CrID4	LDIRDQLQPVWTKSCFQPSFACMMDLSDRNKAKCDDPGPLENGHATLHGQSIDGFIYAG	
TtFC	SSIRYSGEVLHYLSGTETVTCITNGTWSAPKPRGIVITCGNPPVPSYGSVEIKPPSRYN	660
834CrID4	SSIRYSGEVLHYLSGTETVTCITNGTWSAPKPRGIVITCGNPPVPSYGSVEIKPPSRYN	

[図9]

TtFC	SISRVGSPFLRLPLPLARAAPPPKPRSSQPSTVDLASKVKLPEGHYRVGSRAIYTC	
834Cr1D4	SISRVGSPFLRLPLPLARAAPPPKPRSSQPSTVDLASKVKLPEGHYRVGSRAIYTC	720

TtFC	ESRYELLGSQGRRCDSNGNWSGRPASCIPVCGRSDSPRSPFIWNGNSTEIGQWPWQAGI	
834Cr1D4	ESRYELLGSQGRRCDSNGNWSGRPASCIPVCGRSDSPRSPFIWNGNSTEIGQWPWQAGI	780

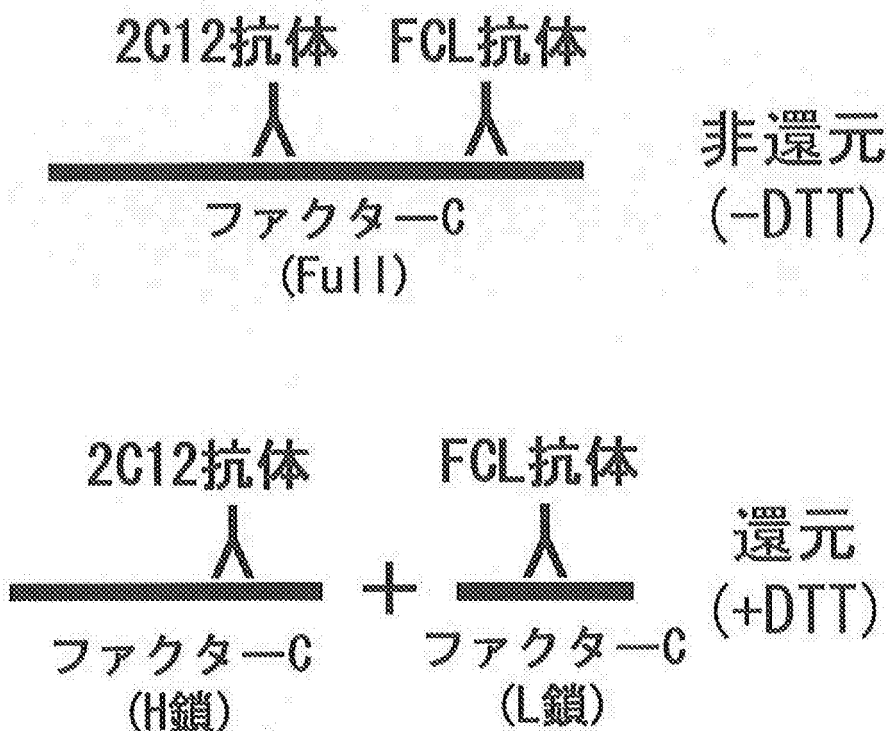
TtFC	SRWLADHNMWFLQCGGSLLNEKWIVTAAHCVTYSATAEIIDPSQFKIYLGKYYRDDSRRD	
834Cr1D4	SRWLADHNMWFLQCGGSLLNEKWIVTAAHCVTYSATAEIIDPNQFKMYLGKYYRDDSRRD	840

TtFC	DYVQVREALEIHVNPNYDPGNLNFDIALIQLKTPVTLTTRVOPICLPTDITREHLKEGT	
834Cr1D4	DYVQVREALEIHVNPNYDPGNLNFDIALIQLKTPVTLTTRVOPICLPTDITREHLKEGT	900

TtFC	LAVVTGWGLNENNTYSEMIQQAVLPVVAASTCEEYKEADLPLTVTENMFCAGYKKGRYD	
834Cr1D4	LAVVTGWGLNENNTYSETIQQAVLPVVAASTCEEYKEADLPLTVTENMFCAGYKKGRYD	960

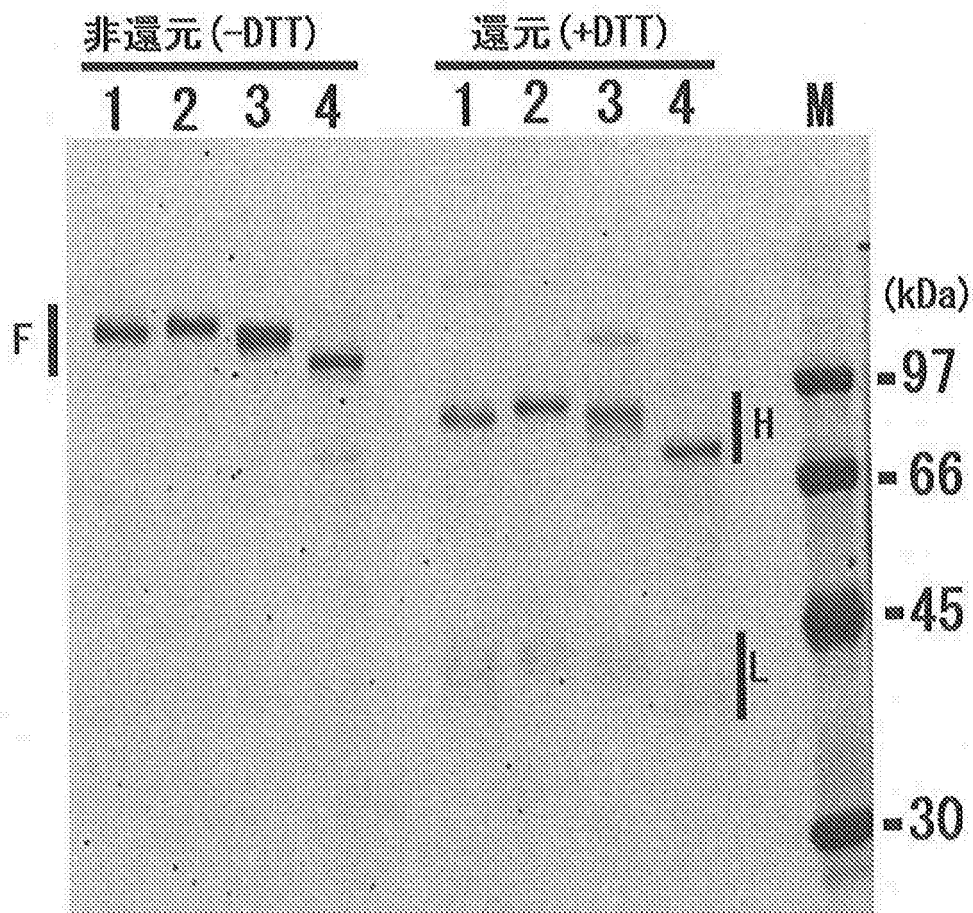
TtFC	ACSGDSGGPLVFADDSRTERRVLEGIVSWGSPSGCGKANQYGGFTKVNVLFWIRQFI	
834Cr1D4	ACSGDSGGPLVFADDSRTERRVLEGIVSWGSPSGCGKANQYGGFTKVNVLFWIRQFI	1019

[図10]



[図11]

精製ファクターCタンパク質
1) TAL 2) CHO 3) HEK 4) Sf9



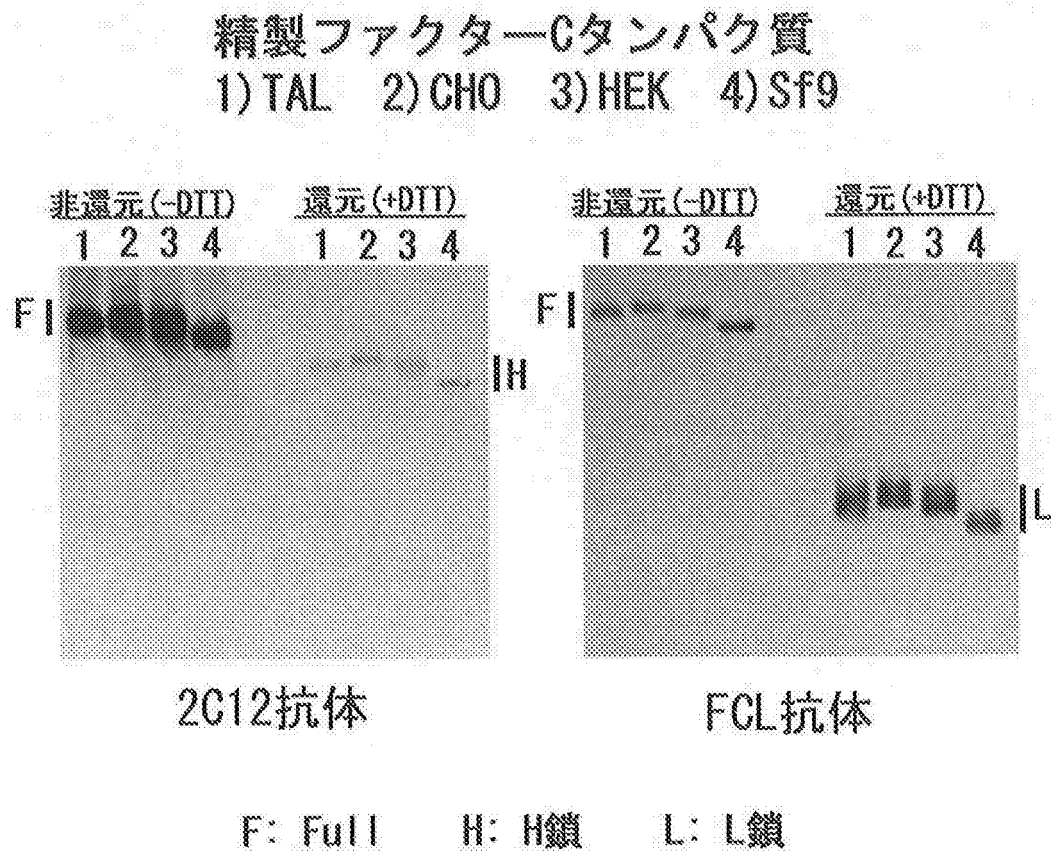
15%ゲル CBB染色

F: Full

H: H鎖

L: L鎖

[図12]

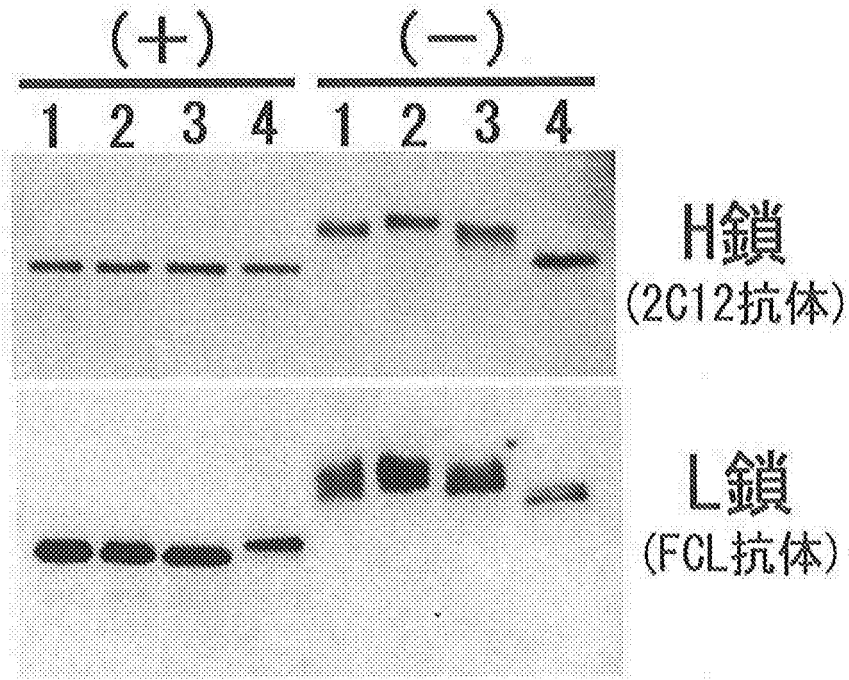


[図13]

精製ファクターCタンパク質

1) TAL 2) CHO 3) HEK 4) Sf9

グライコペプチダーゼF (還元条件下)



[図14]

