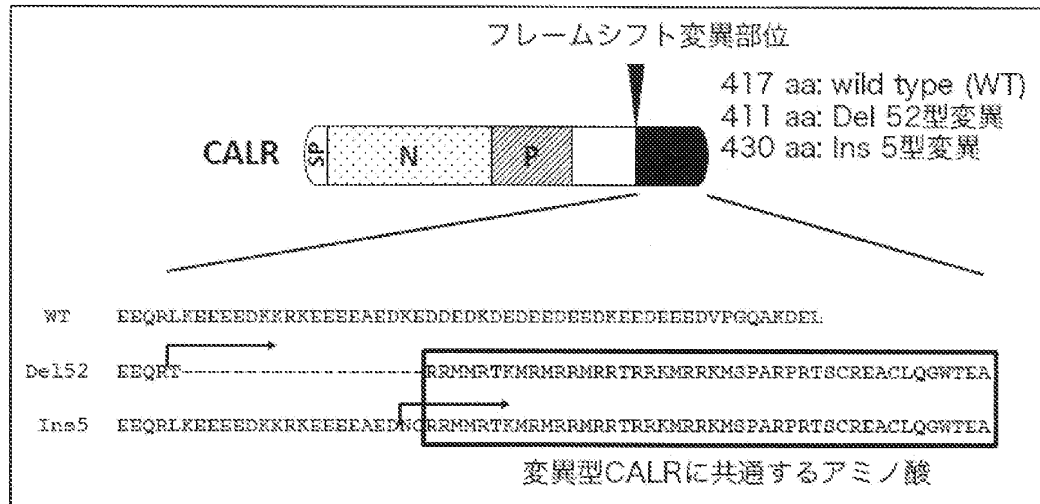
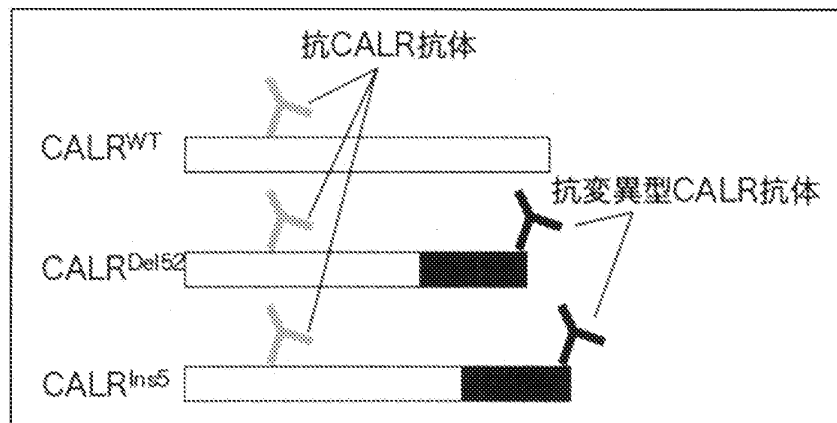


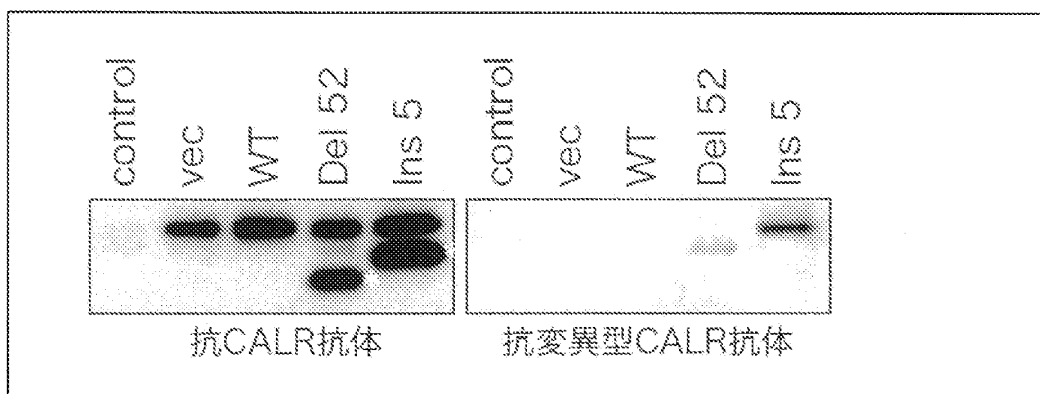
【図1】



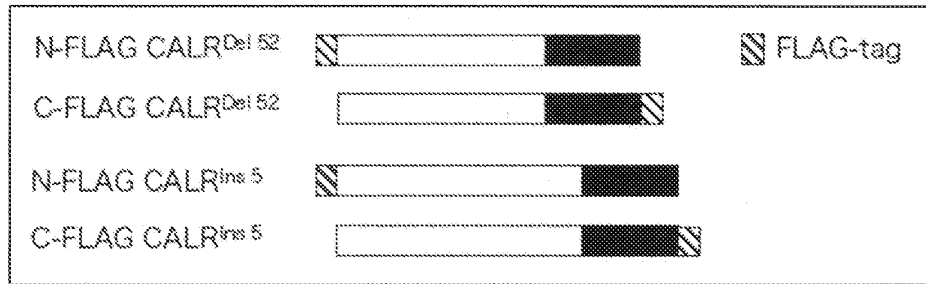
【図2】



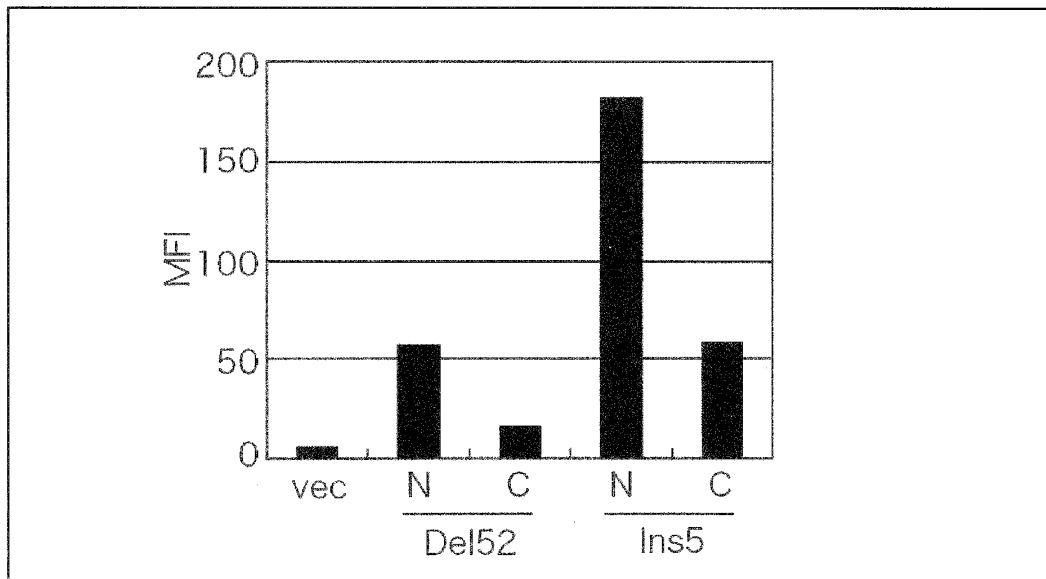
【図3】



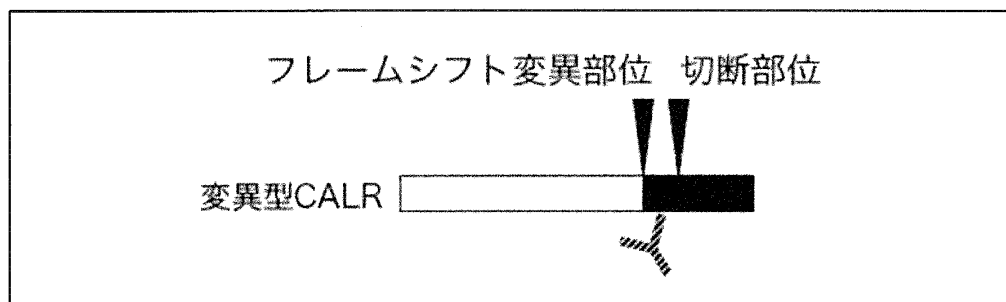
[図4]



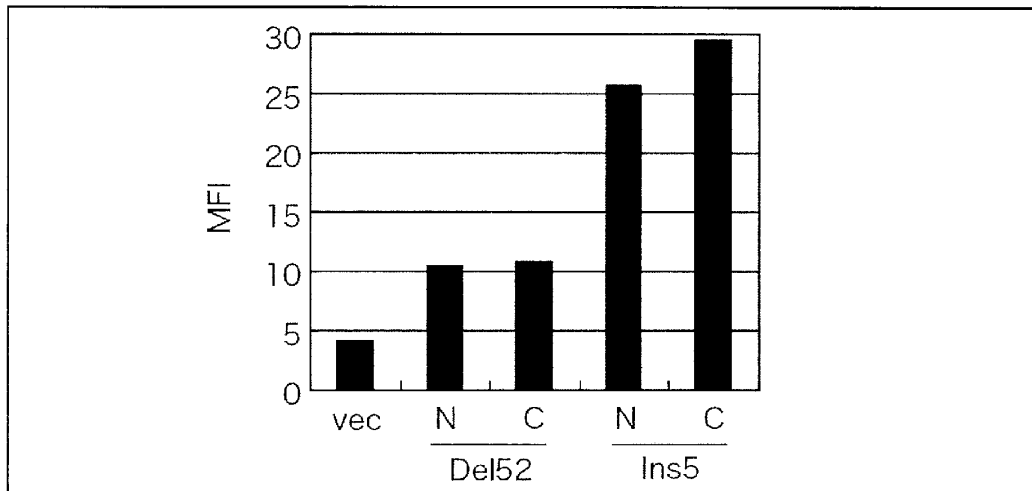
[図5]



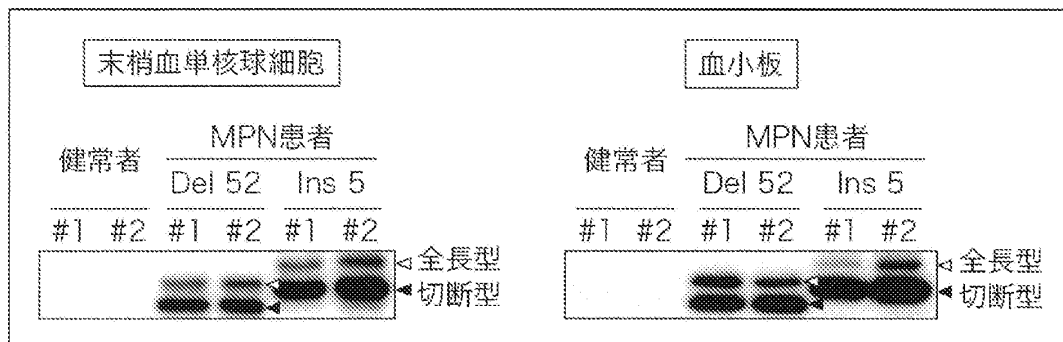
[図6]



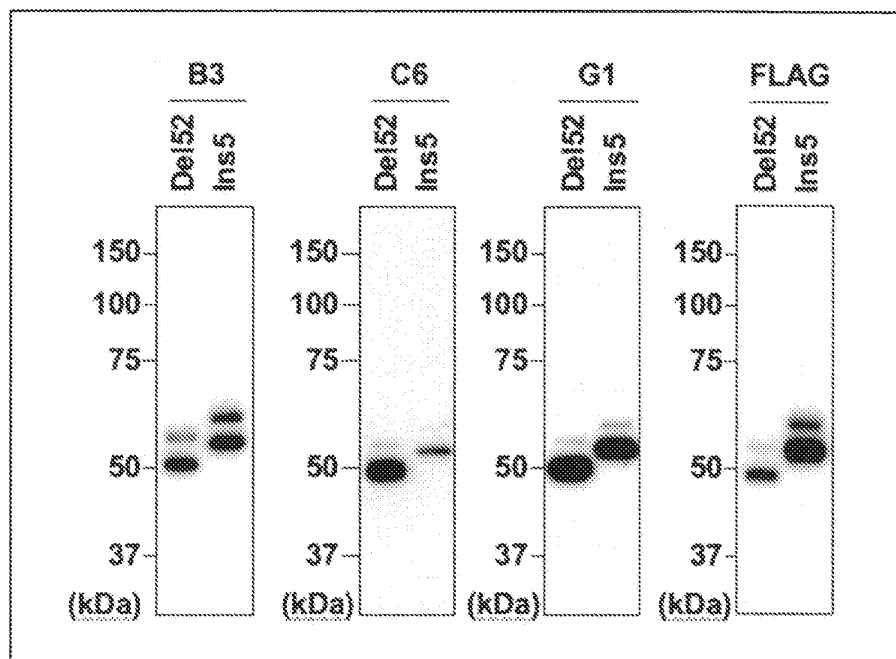
[図7]



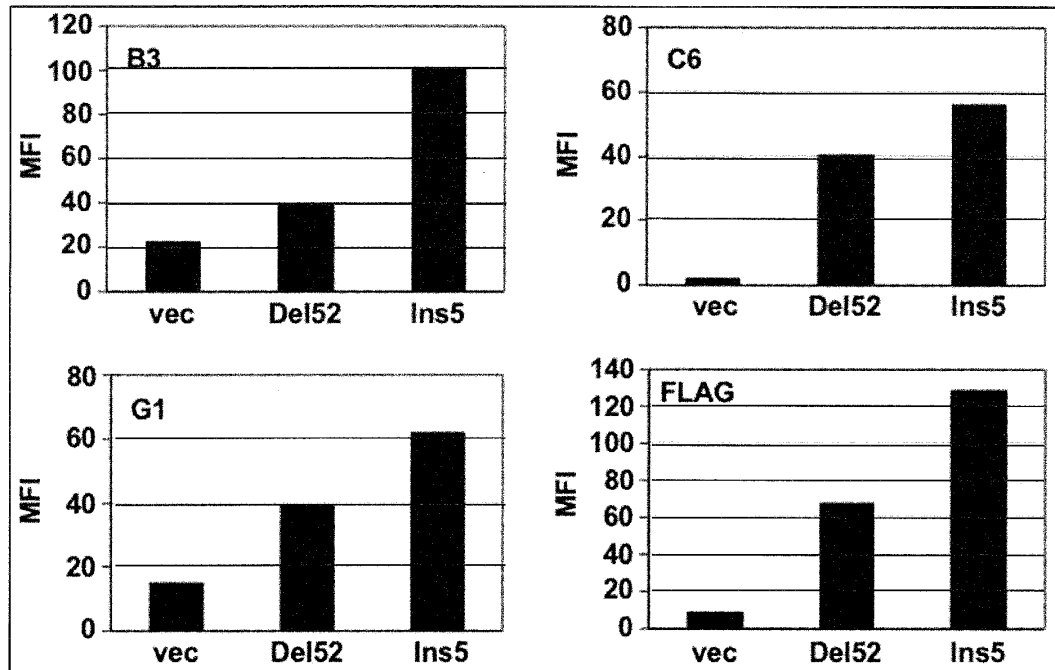
[図8]



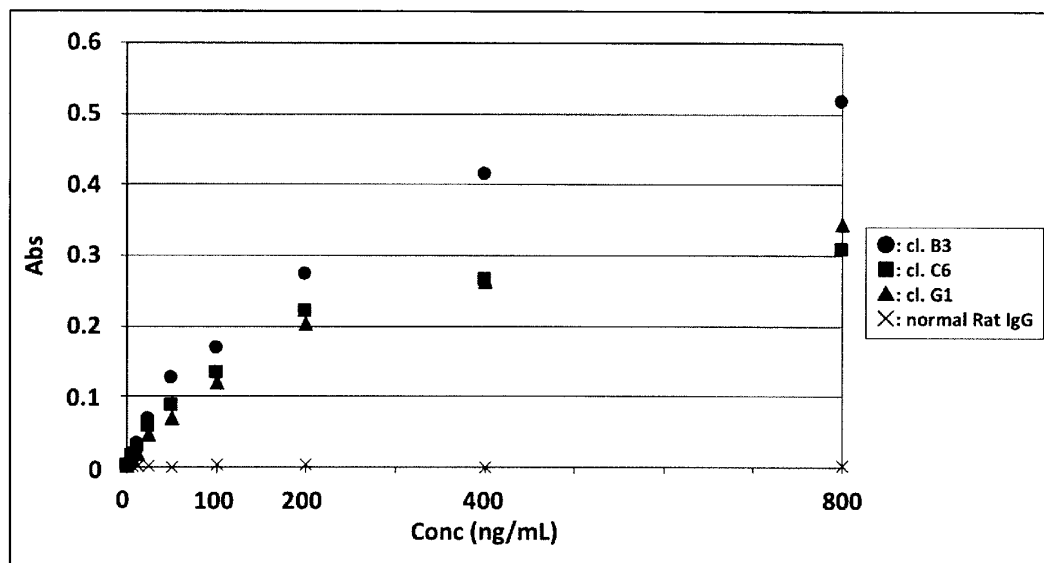
[図9]



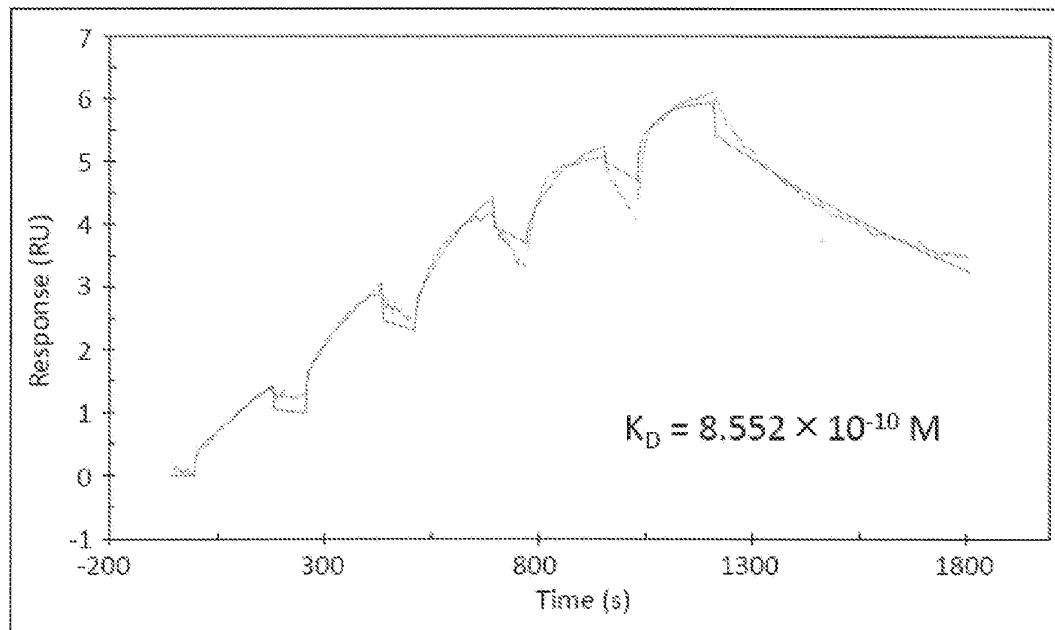
[図10]



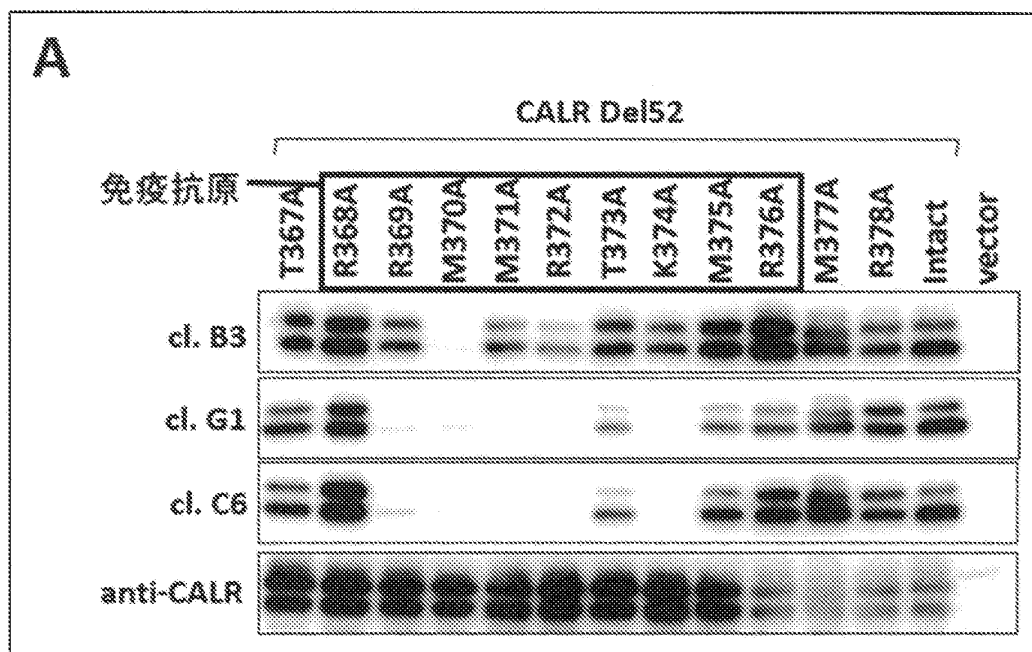
[図11]



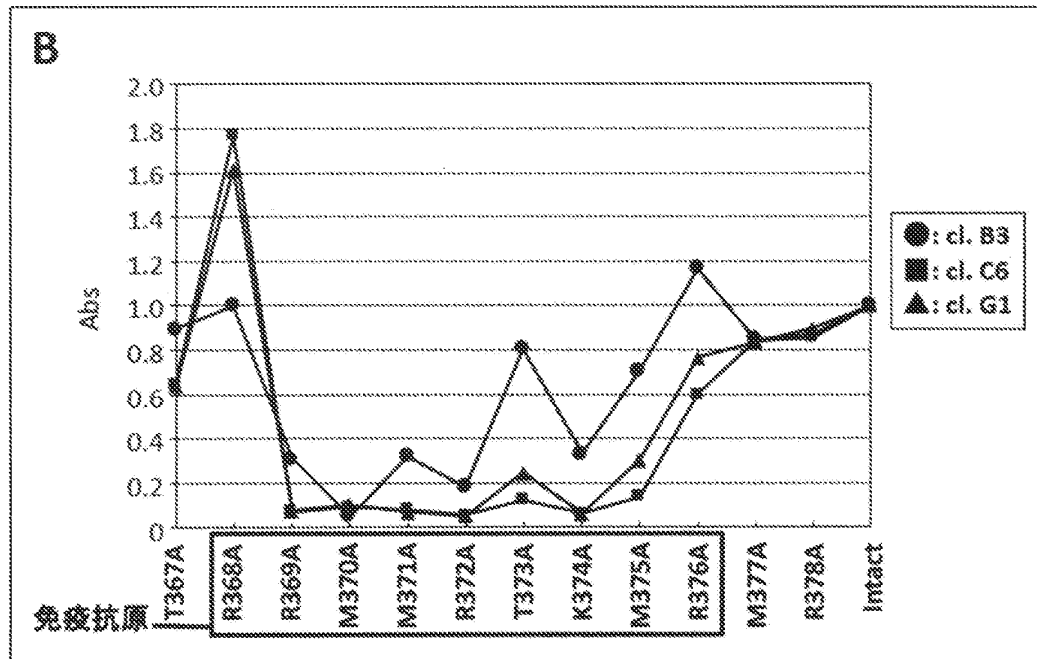
[図12]



[図13A]



[図13B]



[図14]

重鎖可変領域アミノ酸配列

クローンB3

QVQLQQSGAELVKPGSSVKISCKASGYTFRNF IHWIKQQPGNGLEWIGWIFPGDGDTEYNQKFNGKATLTADK
SSSTAYMQLSSLTSEDSAVYFCARGNYYEYFDYWGGQVMVTSS

クローンC6

QVQLQQSGAELVKPGSSVKISCKASGYTFTSYFVHWIKQQPGDGLWIGWIYPGDGDTEYNHKFNGKSTLTADR
SSSTAYMQLSSLTSEDSAVYFCARGNYDGREVMDAWGQGASVTSS

クローンG1

QVQLQQSGAELVKPGSSVKISCKASGYTFTSYFVHWIKQQPGDGLWIGWIYPGDGDTEYNQKFNGKATLTADR
SSSTAYMQLSSLTSEDSAVYFCARGNYDGREVMDAWGQGASVTSS

[図15]

軽鎖可変領域アミノ酸配列

クローンB3

DIQMTQSPASLSASLGETVSI ECLASEDIYSYLAWYQQKPKSPQLLIFAANRLQDGVPSRFSGSGSGTQFSLK
ISGMQPEDEGDYFCLQGSKFPYTFGPGTKLELN

クローンC6

DVVLTTPTPLSATIGQSVSISCRSSQSLLSDGETYLNWLLQRPQGSPQLLIYSVSNLESGVPNRFSGSGSET
DFTLKISGMEAEDLGVIYCMQATHGPYTFGAGTKLELK

クローンG1

DVVLTTPTPLSATIGQSVSISCRSSQSLLSDGETYLNWLLQRPQGSPQLLIYSVSNLESGVPNRFSGSGSET
DFTLKISGVEAEDLGVIYCMQTHGPYTFGAGTKLELK

[図16]

重鎖可変領域塩基配列

クローンB3

CAGGTACAGCTGCAGCAATCTGGGGCTGAACTGGTGAAGCCTGGGTCTCAGTGAAAATTCCTGCAAGGCTTC
TGGCTACACCTTCAACCGTAACCTTTATACACTGGATAAAACAGCAGCCTGGAAATGGCCTTGAGTGGATTGGGT
GGATTTTCTGAGATGGTGATACAGAGTACAATCAAAAGTTCAATGGGAAGGCAACACTCACTGCAGACAAA
TCGTCCAGCACAGCCTATATGCAGCTCAGCAGCCTGACATCTGAGGACTCTGCAGTCTATTTCTGTGCAAGAGG
AAATTACAACACTACGAGTACTTTGATTACTGGGGCCAAGGAGTCATGGTCACAGTCTCCTCA

クローンC6

CAGGTACAGCTGCAGCAATCTGGGGCTGAACTGGTGAAGCCTGGGTCTCAGTGAAAATTCCTGCAAGGCTTC
TGGCTACACCTTCAACAGTTACTTTGTGCACTGGATAAAACAGCAGCCTGGAGATGGCCTTGAGTGGATTGGGT
GGATTTATCCTGAGATGGTGATACAGAGTACAATCACAAGTTCAATGGGAAGTCAACACTCACTGCAGACAGA
TCCTCCAGTACAGCCTATATGCAGCTCAGCAGCCTGACATCTGAGGACTCTGCAGTCTATTTCTGTGCAAGAGG
GAATTACTATGATGGTCGGAAGTTATGGATGCCTGGGGTCAAGGAGCTTCAGTCACTGTCTCCTCA

クローンG1

CAGGTACAGCTGCAGCAATCTGGGGCTGAACTGGTGAAGCCTGGGTCTCAGTGAAAATTCCTGCAAGGCTTC
TGGCTACACCTTCAACAGTTACTTTGTGCACTGGATAAAACAGCAGCCTGGAGATGGCCTTGAGTGGATTGGGT
GGATTTATCCTGAGATGGTGATACAGAGTACAATCAAAAGTTCAATGGGAAGGCAACACTCACTGCAGACAGA
TCCTCCAGTACAGCCTATATGCAGCTCAGCAGCCTGACATCTGAGGACTCTGCAGTCTATTTCTGTGCAAGAGG
GAATTACTATGATGGTCGGAAGTTATGGATGCCTGGGGTCAAGGAGCTTCAGTCACTGTCTCCTCA

[図17]

軽鎖可変領域塩基配列

クローンB3

GACATCCAGATGACACAGTCTCCGGCTTCCCTGTCTGCATCTCTGGGAGAACTGTCTCCATCGAGTGTCTAGC
 AAGTGAGGACATTTACAGTTATTTAGCATGGTATCAACAGAAGCCAGGGAAATCTCCTCAGCTCCTGATCTTTG
 CTGCAAATAGGTTGCAAGATGGGGTCCCATCACGGTTCAGTGGCAGTGGATCTGGCACACAGTTTTCTCTCAAG
 ATCAGCGGCATGCAACCTGAAGATGAAGGGGATTATTTCTGTCTACAGGGTTCCAAGTTTCCGTACACCTTTGG
 ACCTGGGACCAAGCTGGAAGTGAAC

クローンC6

GATGTTGTGCTGACCCAGACTCCACCCACTTTATCGGCTACCATTGGACAATCGGTCTCCATCTCTTGCAGGTC
 AAGTCAGAGTCTCTTAGATAGTGATGGAGAAACCTATTTAAATTGGTTGCTACAGAGGCCAGGCCAATCTCCAC
 AGCTTCTAATTTATTCGGTCTCCAACCTGGAATCTGGGGTCCCAACAGGTTTCAGTGGCAGTGGGTGAGAAACA
 GATTTACACTCAAAATCAGTGGATGGAGGCTGAAGATTTGGGAGTTTACTACTGCATGCAAGCTACCCATGG
 TCCGTACACGTTTGGAGCTGGGACCAAGCTGGAAGTGAAC

クローンG1

GATGTTGTGCTGACCCAGACTCCACCCACTTTATCGGCTACCATTGGACAATCGGTCTCCATCTCTTGCAGGTC
 AAGTCAGAGTCTCTTAGATAGTGATGGAGAAACCTATTTAAATTGGTTGCTACAGAGGCCAGGCCAATGTCCAC
 AGCTTCTAATTTATTCGGTATCCAACCTGGAATCTGGGGTCCCAACAGGTTTCAGTGGCAGTGGGTGAGAAACA
 GATTTACACTCAAAATCAGTGGAGTGGAGGCTGAAGATTTGGGAGTTTACTACTGCATGCAAGGTACCCATGG
 TCCGTACACGTTTGGAGCTGGGACCAAGCTGGAAGTGAAC

[図18]

