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FIG. 1A**NI-308.18F7 VH (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-FR2-----CDR2-----
 CQVQLQESGPGLVKPSSETLSVTCTVSGGSINDYYWNWIRQPAGKGLEWIGRIYASGTINYNP
 ----FR3-----CDR3-----FR4-----
SLQSRVTMSIDTSKNQFSLDLISVSAADTAVYYCARWGQVVGDYYYGMDVWGQGTTVTVSS

NI-308.18F7 VK (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---
 CEIVLTQSPLSLSVTPGEPASISCKSSQSLQHTNGYNYLDWYLLKPGQSPQLLIFLTSNRAS
 FR3-----CDR3--FR4-----
 GVPDRFSGSGSGTNFTLKISRVEAEDVGVYYCMEGIQLWTFGQGTKLEIK

NI-308.18F7 VK - PIMC (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---
 CDIVMTQSPLSLSVTPGEPASISCKSSQSLQHTNGYNYLDWYLLKPGQSPQLLIFLTSNRAS
 FR3-----CDR3-FR4-----
 GVPDRFSGSGSGTNFTLKISRVEAEDVGVYYCMEGIQLWTFGQGTKVEIK

FIG. 1B**NI-308.1507 VH (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-FR2-----CDR2-----
 CQVQLVESGGGVVQPGRSLRLSCAASGFTFSNHAMHWVRQAPGKGLEWVAVISYDGENTYYA
 ----FR3-----CDR3-----FR4-----
DSIEGRFTISRDNFKNTLFLQMYSLTADDTAMYFCARGGRRGHFTSYLDYWGQGTLTVTVSS

NI-308.1507 VK (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---FR3--
 CDIQMTQSPSSLSASVGDRVTITCRASQNIIDKYLNWYQQIPGKAPKLLIYAAASSLHSGVPSR
 -----CDR3-----FR4-----
 FSGSGSGTDFSLTISSSLQPEDFAIYYCQQSYSSFRTFGQGTKLEIK

NI-308.1507 VK - PIMC (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---FR3--
 CDIQMTQSPSSLSASVGDRVTITCRASQNIIDKYLNWYQQIPGKAPKLLIYAAASSLHSGVPSR
 -----CDR3-----FR4-----
 FSGSGSGTDFSLTISSSLQPEDFAIYYCQQSYSSFRTFGQGTKVEIK

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FIG. 1C**NI-308.28G1 VH (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-----FR2-----CDR2-----
 CQVQLQESGPRLVKPSETLSLTCTVAGGSVNSYWWIQQSPGKGLEWLGRIYYIAGRTNYPN
 ---FR3-----CDR3-----FR4-----
SLTSRIALSVDTSRNQLSLKLTSVTAADTAIYYCARWGAESGDYYYGVDVWGPGLTVTVSS

NI-308.28G1 VK (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---
 CEIVMTQSPLSLPVTPGEPASISCKSSSEGLLHNSGYTYLDWYLQKPGQAPQLLIFLASNRAA
 FR3-----CDR3-----FR3-----
 GVPDRFSGSGSGTDFTLKISRVEAEDVGVYYCMQAIQSPWTFFGPGTKVEIK

NI-308.28G1 VH - PIMC (secuencia de la cadena pesada variable VH)

FR1-----CDR1-----FR2-----CDR2-----
 CQVQLQESGPRLVKPSETLSLTCTVAGGSVNSYWWIQQSPGKGLEWLGRIYYIAGRTNYPN
 ---FR3-----CDR3-----FR4-----
SLTSRIALSVDTSRNQLSLKLTSVTAADTAIYYCARWGAESGDYYYGVDVWGPGLTVTVSS

NI-308.28G1 VK - PIMC (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---
 CDIVMTQSPLSLPVTPGEPASISCKSSSEGLLHNSGYTYLDWYLQKPGQAPQLLIFLASNRAA
 FR3-----CDR3-----FR3-----
 GVPDRFSGSGSGTDFTLKISRVEAEDVGVYYCMQAIQSPWTFFGPGTKVEIK

FIG. 1D**NI-308.45C2 VH (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-----FR2-----CDR2-----
 CQLQLQESGPGLVKPSQILSLTCAISGDSVFSNSAAWNWIRQSPSRGLEWLGRTYYRSKWDN
 ---FR3-----CDR3-----FR4---
DYAPSVKSRISINPDTSKNQFSLQLNSVTPEDTAVYYCAREVAYCGGDCYSVSFDYWGQGT
 LTVSS

NI-308.45C2 VK (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---
 CEIVMTQSPLSLPVTPGEPASISCRSSQSLQSNNGYTYLDWYLQKPGQSPQLLIYLGSNRAA
 FR3-----CDR3-----FR4-----
 GVPDRFSGSGSGTDFTLKISRVEAEDVGVYYCMQALQTPLTFGGGTKVEIK

NI-308.45C2 VH - PIMC (secuencia de la cadena pesada variable VH)

FR1-----CDR1-----FR2-----CDR2-----
 CQLQLQSGPGLVKPSQILSLTCAISGDSVFSNSAAWNWIRQSPSRGLEWLGRTYYRSKWDN
 ---FR3-----CDR3-----FR4---
DYAPSVKSRISINPDTSKNQFSLQLNSVTPEDTAVYYCAREVAYCGGDCYSVSFDYWGQGT
 LTVSS

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FIG. 1D (cont.)**NI-308.45C2 VK - PIMC (secuencia de la cadena ligera variable VK)**

FR1-----CDR1-----FR2-----CDR2-----
CDIVMTQSPLSLPVTPGEPASISCRSSQSLLQSNGYTYLDWYLQKPGQSPQLLIYLGSNRAS
 FR3-----CDR3-----FR4-----
GVPDRFSGSGSGTDFTLKISRVEAEDVGVYYCMQALQTPLTFGGGTKVEIK

FIG. 1E**NI-308.24E11 VH (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-----FR2-----CDR2-----
CQVQLQESGPLVKPSETLSLTCTVSTTSLRSYFWSWIRQPPGKGLEWIGYVYSGSTIYNP
 ---FR3-----CDR3-----FR3-----
SLKNRVTISIDTSKNQFSLNLRSVTAADTAMYFCARGVPAETDARDFPPYYFDHWGQGLVT

 VSS

NI-308.24E11 VK (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---FR3---
CDIQLTQSPSSLSASVGNRITFTCQASQDIRYYLNWYQQKPGKAPKLLIYDVSNLDTGVPPR
 -----CDR3-----FR4-----
FSGSGSGTNFTFTISSLPEDIAVYYCQQYEGLPVTFGGGTKVEIK

NI-308.24E11 VK - PIMC (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---FR3---
CDIQMTQSPSSLSASVGNRITFTCQASQDIRYYLNWYQQKPGKAPKLLIYDVSNLDTGVPPR
 -----CDR3-----FR4-----
FSGSGSGTNFTFTISSLPEDIAVYYCQQYEGLPVTFGGGTKVEIK

FIG. 1F**NI-308.5G2 VH (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-----FR2-----CDR2-----
CEVQLVQSGADLRNPGASVTVSCTASGYHFADNAINWLRQAPGQRLEWMGWINIYSGNTKYS
 ---FR3-----CDR3-----FR4-----
QNFQGRVTFTRNTSASTAFMHLRSLRSEDTAVYFCARDPDSSGYLPFYFDYWGQGLTVTVSS

NI-308.5G2 VK (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---
CDIQLTQSPDSLTLSLGERATINCKSSQSVFYNSNNKNYLAWYQQKPGQPPKLLMYWASTRE
 -FR3-----CDR3-----FR4-----
SGVTDRFSGSGSGTDFTLTITNLQAEDVAVYYCQQFYSSPLTFGGGTKVEIK

NI-308.5G2 VH - PIMC (secuencia de la cadena pesada variable VH)

FR1-----CDR1-----FR2-----CDR2-----
CQVQLVQSGADLRNPGASVTVSCTASGYHFADNAINWLRQAPGQRLEWMGWINIYSGNTKYS
 ---FR3-----CDR3-----FR4-----
QNFQGRVTFTRNTSASTAFMHLRSLRSEDTAVYFCARDPDSSGYLPFYFDYWGQGLTVTVSS

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FIG. 1F (cont.)**NI-308.5G2 VK-PIMC (secuencia de la cadena ligera variable VK)**

FR1-----CDR1-----FR2-----CDR2--
 CDI**VM**TQSPDSLTLSLGERATINCKSSQSVFYNSNNKNYLAWYQQKPGQPPKLLMYWASTRE
 -FR3-----CDR3-----FR4-----
SGVTDRFSGSGSGTDFTLTITNLQAEDVAVYYCQQFYSSPLTFGGGTKVEIK

FIG. 1G**NI-308.46E9 VH(secuencia de la cadena pesada variable VH)**

FR1-----CDR1-----FR2-----CDR2-----
 CQVQLQESGPGLVKPSSETLSLTCTVSGASISG**STYYWG**WIRQPPGKGLEYIGRIYYSGSTYY
 -----FR3-----CDR3-----FR4-----
NPSLKSRATISVDTSKNQSLTLSSVTAADTAVYYCVRPFYAGSGNSPFDYWGQTLVTVSS

NI-308.46E9 VK (secuencia de la cadena ligera variable VK)(SEQ ID NO: 46)

FR1-----CDR1-----FR2-----CDR2---FR3--
 CEIVLTQSPATVSVPGERATLSCRASQSVSTNLAWYQQKPGQPPRLLIYGA**STRATG**IPAR
 -----CDR3-----FR4-----
 FSGSGSGAEFTLTISLQSEDFVYYCQQYNNWPPAFGGGTKVEIK

NI-308.46E9 VH - PIMC (secuencia de la cadena pesada variable VH)

FR1-----CDR1-----FR2-----CDR2-----
 CQ**L**QLQESGPGLVKPSSETLSLTCTVSGASISG**STYYWG**WIRQPPGKGLEYIGRIYYSGSTYY
 -----FR3-----CDR3-----FR4-----
NPSLKSRATISVDTSKNQSLTLSSVTAADTAVYYCVRPFYAGSGNSPFDYWGQTLVTVSS

NI-308.46E9 VK - PIMC (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---FR3--
 CEIV**MT**QSPATVSVPGERATLSCRASQSVSTNLAWYQQKPGQPPRLLIYGA**STRATG**IPAR
 -----CDR3-----FR4-----
 FSGSGSGAEFTLTISLQSEDFVYYCQQYNNWPPAFGGGTKVEIK

FIG. 1H**NI-308.6B11 VH (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-----FR2-----CDR2-----
 CEVQLVQSGAEVKRPGASVKVSKVSGYTLT**ELSMH**WVRQAPGKGLEWMGGFD**PEDGETVYA**
 -----FR3-----CDR3-----FR4-----
QKFQGRVTMTEDTSTDTAYMELSSLRSEDTALYHCATY**GSSWHWNEGNEGSYYFDYWGQ**TL

 VTVSS

NI-308.6B11 VK (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---FR3--
 CDIQMTQSPSSLSASVGDRVITITCQASQDISIYLNWYQQKPGKAPKLLIYDAS**NLETG**VPSR
 -----CDR3-----FR4-----
 FSGSGSGTDFTFTISGLQPEDVARYYCQQYDDL**PITFGQ**GTRLEIK

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FIG. 1H (cont.)**NI-308.6B11 VH - PIMC (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-----FR2-----CDR2-----
 CQVQLVQSGAEVKRPGASVKVSVSGYTLTELSMHWVRQAPGKGLEWMGGFDPEDGETVYA
 -----FR3-----CDR3-----FR4-----
QKFQGRVTMTEDTSTDTAYMELSSLRSEDTALYHCATYGSSWHWNEGNEGSYYFDYWGQGT
 LTVSS

FIG. 1I**NI-308.46F8 VH (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-----FR2-----CDR2-----
 CQVQLVESGGGVVRPGGSLRLSCTASGFTFDEYGMSWVRQVPGKGLEWVSGINWNGATTRYA
 -----FR3-----CDR3-----FR4-----
DSVKGRFTISRDNAKNSLYLQMNSLRAEDTALYHCARDGCRNTSCYIWDWFDPWGQGT
 LTVTVSS

NI-308.46F8 VL (secuencia de la cadena ligera variable VL)

FR1-----CDR1-----FR2-----CDR2---FR3---
 CQSVLTQPPSVSAAPGQKVTISCSGSSSNIGNNYVCWYQNLPGTAPKLLIYDDNKRPSGIPD
 -----CDR3-----FR4-----
 RFSGSKSGTSATLGITGLQTGDEADYYCGTWDSSLSVVVFGGGTKLTVL

NI-308.46F8 VH - PIMC (secuencia de la cadena pesada variable VH)

FR1-----CDR1-----FR2-----CDR2-----
 CEVQLVESGGGVVRPGGSLRLSCTASGFTFDEYGMSWVRQVPGKGLEWVSGINWNGATTRYA
 -----FR3-----CDR3-----FR4-----
DSVKGRFTISRDNAKNSLYLQMNSLRAEDTALYHCARDGCRNTSCYIWDWFDPWGQGT
 LTVTVSS

FIG. 1J**NI-308.4M1 VH (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-----FR2-----CDR2-----
 CEVQLVETGGGVVQPGGSLRLSCEASGFTIGTYAMHWVRQFPKGGLDWVAVISFDGTTEYYT
 ---FR3-----CDR3-----FR4-----
DAVKGRFTISRDNAKNTLYLQMNLYLRGDDTAIFYCARDFTSSGETGSWTQVPDLWGQGT
 LTVTVSS

NI-308.4M1 VK (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---FR3---
 CEIVMTQSPATLSLSPGERATLSCRASQSVTKYLAWYQQKPGQAPRLLIYDVSYRAAGTPAR
 -----CDR3-----FR4-----
 FSGSGSGTDFTLTISILEPEDFAVYYCHQRSSWPPVTFGGGKVEIK

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FIG. 1J (cont.)**NI-308.4M1 VH - PIMC (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-FR2-----CDR2-----
 CQVQLVESGGGVVQPGGSLRLSCEASGFTIGTYAMHWVRQFPKGKLDWVAVISFDGTTEYYT
 ---FR3-----CDR3-----FR4-----
DAVKGRFTISRDNAKNTLYLQMN^YLRGDDTAIYFCARDFTSSGETGSWTQVPDLWGQGT^LVT

 VSS

NI-308.4M1 VK - PIMC (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---FR3---
 CEIVLTQSPATLSLSPGERATLSCRASQSVTKYLAWYQQKPGQAPRLLIYDVSYRAAGTPAR
 -----CDR3-----FR4-----
 FSGSGSGTDFTLTISSLEPEDFAVYYCHQRSSWPPVTFGGGTKVEIK

FIG. 1K**NI-308.12A3 VH (secuencia de la cadena pesada variable VH)**

FR1-----CDR1-FR2-----CDR2-----
 CEVQLVETGGGLVQPGGSLRLSCVSGSGLFSDFEMDWVRQAPKGLEWISYISGDGNIIYQT
 ---FR3-----CDR3-----FR4-----
DSVKGRFTISRDNAKNSLFLQMDSLTVEDTAVYYCARDARENCGGDCYSTSFDFWGQGT^LVT

 VSS

NI-308.12A3 VK (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2--
 CDIQMTQSPDSLAVSLGERATINCKSSQSLLYTANNRNYLAWYQKKAGQPPKLLIHWASTRA
 -FR3-----CDR3-----FR4-----
SGVPDRFSGSGSGTDFILTISSLQAEDVAVYFCQHY^YNSPRTFGQGTKVEIK

NI-308.12A3 VH - PIMC (secuencia de la cadena pesada variable VH)

FR1-----CDR1-FR2-----CDR2-----
 CEVQLVESGGGLVQPGGSLRLSCVSGSGLFSDFEMDWVRQAPKGLEWISYISGDGNIIYQT
 ---FR3-----CDR3-----FR4-----
DSVKGRFTISRDNAKNSLFLQMDSLTVEDTAVYYCARDARENCGGDCYSTSFDFWGQGT^LVT

 VSS

NI-308.12A3 VK - PIMC (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2--
 CDI^VMTQSPDSLAVSLGERATINCKSSQSLLYTANNRNYLAWYQKKAGQPPKLLIHWASTRA
 -FR3-----CDR3-----FR4-----
SGVPDRFSGSGSGTDFILTISSLQAEDVAVYFCQHY^YNSPRTFGQGTKVEIK

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FIG. 1L

NI-308.16C10 VH (secuencia de la cadena pesada variable VH)

FR1-----CDR1--FR2-----CDR2-----
CEVQLVETGGGVVQPGMSLSLSCAATGFTFSSYGMHWVRQGPKGPEWVAGIWIYDGTNKYYG
-----FR3-----CDR3-----FR4-----
DSVTGRVTISRDN SKNTLFLQMINVRVEDTAVYYCVKDAERVQKWASYIMDVWGQGT TVTVS
-
S

NI-308.16C10 VK (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---FR3-
CEIVLTQSPGILSLSRGNRVALSCRASRSVNSSYLNWYQQKPGQAPRLLIYGASKRATGISD
-----CDR3--FR4-----
RFRGTGSGTDFTLTVARLEPEDIAVYYCQHYGAFGQGTKLEIK

NI-308.16C10 VH - PIMC (secuencia de la cadena pesada variable VH)

FR1-----CDR1--FR2-----CDR2-----
CQVQLVESGGGVVQPGMSLSLSCAATGFTFSSYGMHWVRQGPKGPEWVAGIWIYDGTNKYYG
-----FR3-----CDR3-----FR4-----
DSVTGRVTISRDN SKNTLFLQMINVRVEDTAVYYCVKDAERVQKWASYIMDVWGQGT TVTVS
-
S

NI-308.16C10 VK - PIMC (secuencia de la cadena ligera variable VK)

FR1-----CDR1-----FR2-----CDR2---FR3-
CEIVLTQSPGILSLSRGNRVALSCRASRSVNSSYLNWYQQKPGQAPRLLIYGASKRATGISD
-----CDR3--FR4-----
RFRGTGSGTDFTLTVARLEPEDIAVYYCQHYGAFGQGTKVEIK

FIG. 2A

Anticuerpo	CE ₅₀ [nM]				
	(GA) ₁₅	(GP) ₁₅	(GR) ₁₅	(PR) ₁₅	(PA) ₁₅
NI-308.15O7	0.48	-	-	-	-
NI-308.28G1	1.1	-	-	-	-
NI-308.45C2	1.1	-	-	-	-
NI-308.18F7	1.5	-	-	-	-
NI-308.24E11	-	-	-	12.8	-
NI-308.16C10	55.1	-	-	3.5	-
NI-308.5G2	15.3	0.88	-	-	-
NI-203.12A3	19.0	2.2	-	-	-
NI-308.46E9	> 200	13.9	-	-	-
NI-308.6B11	38.4	-	0.94	119	-
NI-308.46F8	108	-	40.6	> 200	-
NI-308.4M1	> 200	-	-	-	0.10