Heavy Chain (murine IgG1)

```
                                    CDRH1    FWH2                    CDRH2
     FWH1
QVQLQQSGSE LVRPGASVKL SCKAS***GYTFT*** ***TY***WMHWVRQR PGQGLEWIGN I***YPGTGG***SNF DEKFKNRTSL
QVQLQQPGSE LVRPGASVKL SCKAS***GYTFT*** ***TY***WMHWVRQR PGQGLEWIGN I***YPGTGG***SNF DEKFKNRTSL

     FWH3                    CDRH3      FWH4
TVDTSSTTAY MHLASLTSED SAVYYCTR***WT TGTGAY***WGQG TLVTVSA
TVDTSSTTAY MHLASLTSED SAVYYCTR***WT TGTGAY***WGQG TLVTVSAAKT TPPSVYPLAP GSAA
```

Light Chain (murine κ)

```
     FWL1                    CDRL1                    FWL2       CDRL2
DIVMTQSPSS LTVTAGEKVT MSCKS***SQSLL DSGNQKNF***LT WYQQKPGQPP KLLIF***WAS***TR ESGVPDRFTG
DIVMTQSPSS LTVTAGEKVT MSCKS***SQSLL DSGNQKNF***LT WYQQKPGQPP KLLIF***WAS***TR ESGVPDRFTG

     FWL3                CDRL3      FWL4
SGSVTDFTLT ISSVQAEDLA VYYCQN***DYSY P***CTFGGGTKL EIK
SGSVTDFTLT ISSVQAEDLA VYYCQN***DYSY P***CTFGGGTKL EIKRAD
```

FIGURE 1

Heavy Chain

```
GL        QVQLQQPGSE LVRPGASVKL SCKASGYTFT SYWMHWVKQR HGQGLEWIGN IYPGSGSTNY
Mu mAb    ------S--- ---------- ----------  T------R-- P--------- ----T-GS-F

GL        DEKFKSKGTL TVDTSSSTAY MHLSSLTSED SAVYYCTR
Mu mAb    -----NRTS- ------T--- ---A------ --------WT TGTGAYWGQG TLVTVSA
```

Light Chain

```
GL        DIVMTQSPSS LTVTAGEKVT MSCKSSQSLL NSGNQKNYLT WYQQKPGQPP KLLIYWASTR
Mu mAb    ---------- ---------- ---------- D------F-- ---------- ----F-----

GL        ESGVPDRFTG SGSGTDFTLT ISSVQAEDLA VYYCQNDYSY P
Mu mAb    --------- ---V------ ---------- ---------- -CTFGGGTKL EIK
```

FIGURE 2A

```
mAb         C   T   F   G   G   G   T   K   L   E   I   K
mAb     g tgc acg ttc gga ggg ggg acc aag ctg gaa ata aaa
J2      - -a- --- --- --- --- --- --- --- --- --- --- ---c
J2          Y
```

FIGURE 2B

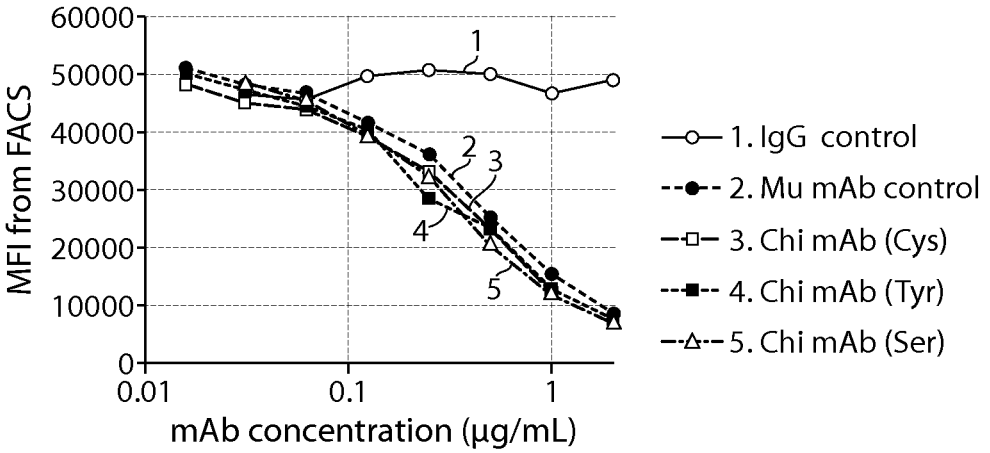


FIGURE 3A

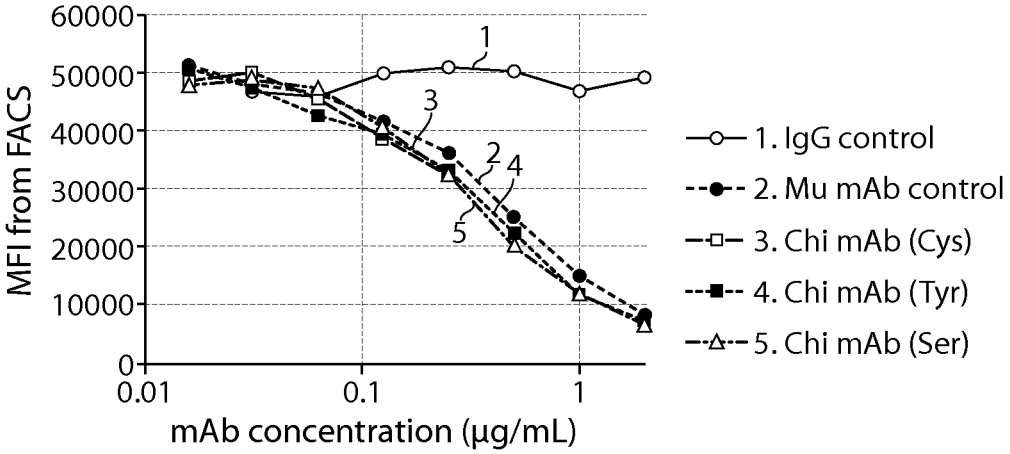


FIGURE 3B

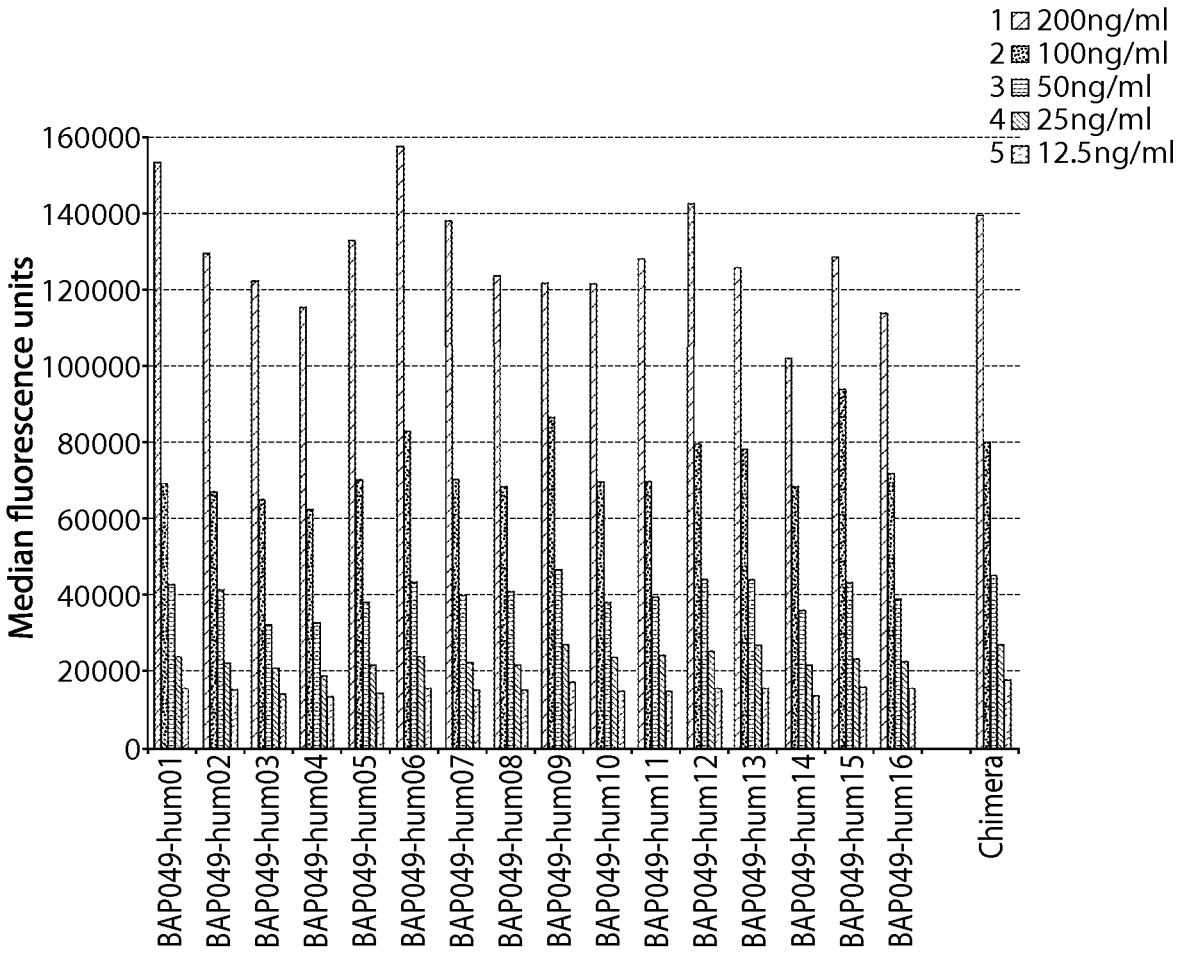

1 200ng/ml
2 100ng/ml
3 50ng/ml
4 25ng/ml
5 12.5ng/ml
Median fluorescence units
160000
140000
120000
100000
80000
60000
40000
20000
0
BAP049-hum01
BAP049-hum02
BAP049-hum03
BAP049-hum04
BAP049-hum05
BAP049-hum06
BAP049-hum07
BAP049-hum08
BAP049-hum09
BAP049-hum10
BAP049-hum11
BAP049-hum12
BAP049-hum13
BAP049-hum14
BAP049-hum15
BAP049-hum16
Chimera

FIGURE 4

Clone No.	Concentration μg/mL	Sequence					
		HC			LC		
		FW1	FW2	FW3	FW1	FW2	FW3
		4 unique HC			9 unique LC		
1	23.3	a	a	a	b	a	c
2	45.5	a	a	a	e	a	b
3	58.4	a	b	b	e	a	b
4	52.9	a	b	b	b	b	d
5	30	a	a	a	b	b	d
6	7.9	a	a	a	c	a	a
7	24.9	a	a	a	b	b	a
8	32.8	a	b	b	a	a	a
9	16.3	a	a	a	a	a	a
10	61.5	a	b	b	b	a	a
11	31.4	a	a	a	b	a	a
12	34.8	a	a	a	e	c	a
13	8.6	a	a	a	d	b	a
14	48.4	b	b	b	b	a	a
15	20.7	b	b	b	a	a	a
16	32.8	a	c	b	a	a	a

FIGURE 5

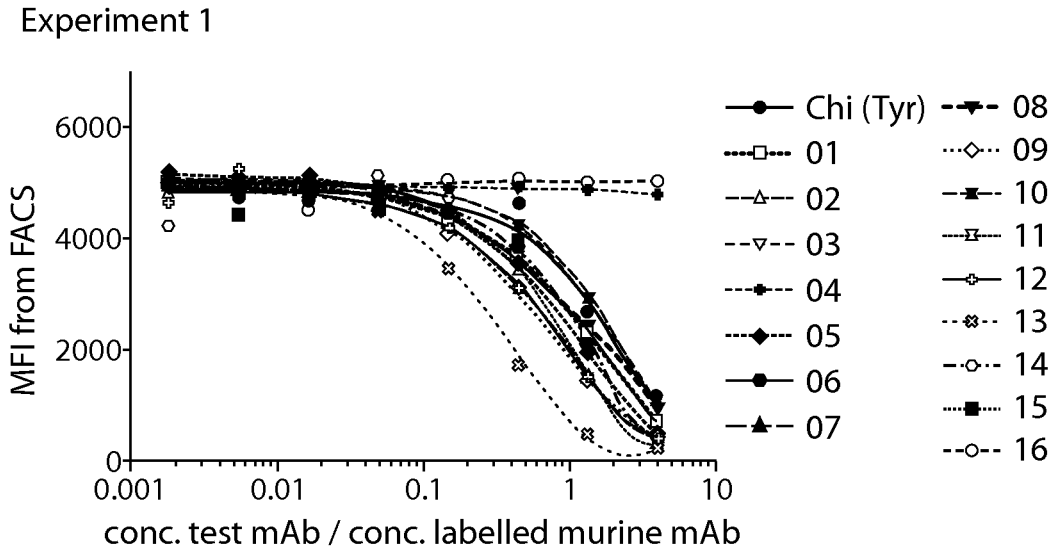


FIGURE 6A

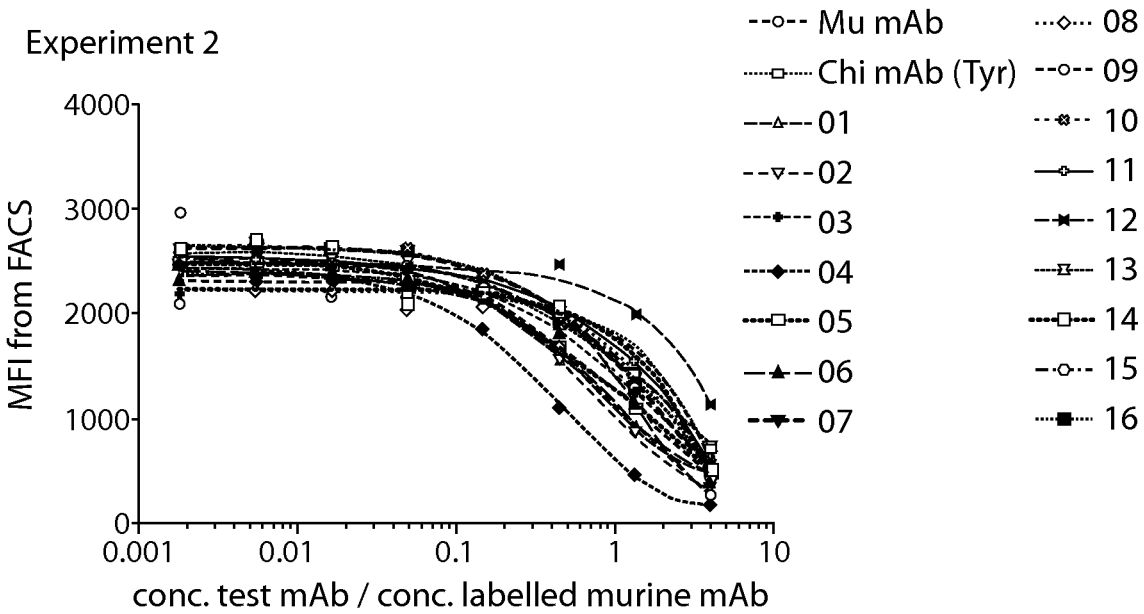


FIGURE 6B

Clone No.	Conc. μg/mL	Sequence						Ranking	Competition Binding		Ranking
		HC			LC			FACS data	1st exp.	2nd exp.*	
		FW1	FW2	FW3	FW1	FW2	FW3				
Chimeric	20.6	4 unique HC			9 unique LC						
1	23.3	a	a	a	b	a	c	**2**	**7**	**2**	**A**
2	45.5	a	a	a	e	a	b	**6**	**3**	**2**	**D**
3	58.4	a	b	b	e	a	b	**7**	**8**	**14**	**E**
4	52.9	a	b	b	b	b	d	**14**	**15**	**15**	**B**
5	30	a	a	a	b	b	d	**5**	**5**		**A**
6	7.9	a	a	a	c	a	a	**1**	**7**	**3**	**D**
7	24.9	a	a	a	b	b	a	**4**	**7**		**D**
8	32.8	a	b	b	a	a	a	**7**	**7**	**4**	**C**
9	16.3	a	a	a	a	a	a	**7**	**2**	**4**	**B**
10	61.5	a	b	b	b	a	a	**7**	**6**		**C**
11	31.4	a	a	a	b	a	a	**6**	**4**		**B**
12	34.8	a	a	a	e	c	a	**3**	**8**	**16**	**D**
13	8.6	a	a	a	d	b	a	**6**	**1**	**1**	**D**
14	48.4	b	b	b	b	a	a	**16**	**7**	**15**	**C**
15	20.7	b	b	b	a	a	a	**6**	**7**	**15**	**C**
16	32.8	a	c	b	a	a	a	**15**	**16**	**15**	**C**

*empty boxes means worse than 4

FIGURE 7

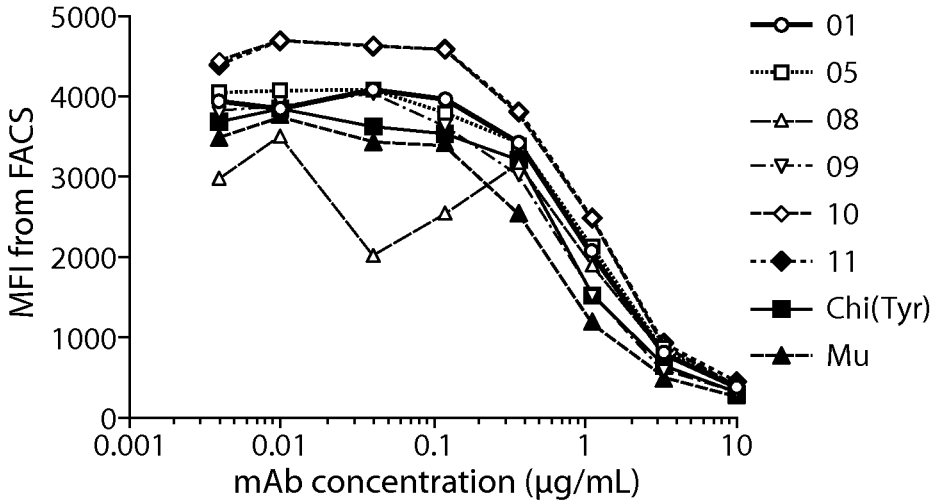


FIGURE 8A

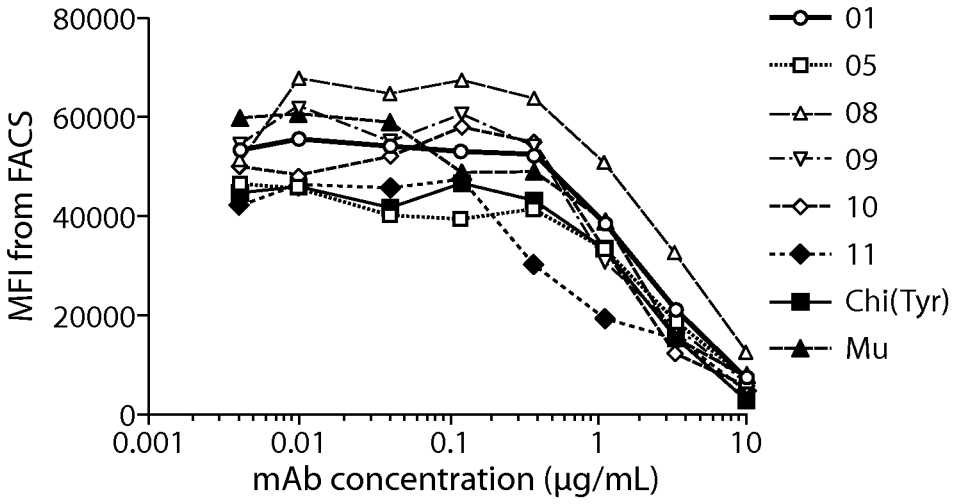


FIGURE 8B

```
                        10        20        30        40        50        60
                ....|....|....|....|....|....|....|....|....|....|....|....|
BAP049-chi-HC   QVQLQQSGSELVRPGASVKLSCKASGYTFTTYWMHWVRQRPGQGLEWIGNIYPGTGGSNF
BAP049-hum01-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWVRQATGQGLEWMGNIYPGTGGSNF
BAP049-hum02-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWVRQATGQGLEWMGNIYPGTGGSNF
BAP049-hum05-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWVRQATGQGLEWMGNIYPGTGGSNF
BAP049-hum06-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWVRQATGQGLEWMGNIYPGTGGSNF
BAP049-hum07-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWVRQATGQGLEWMGNIYPGTGGSNF
BAP049-hum09-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWVRQATGQGLEWMGNIYPGTGGSNF
BAP049-hum11-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWVRQATGQGLEWMGNIYPGTGGSNF
BAP049-hum12-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWVRQATGQGLEWMGNIYPGTGGSNF
BAP049-hum13-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWVRQATGQGLEWMGNIYPGTGGSNF
BAP049-hum03-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWIRQSPSRGLEWLGNIYPGTGGSNF
BAP049-hum04-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWIRQSPSRGLEWLGNIYPGTGGSNF
BAP049-hum08-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWIRQSPSRGLEWLGNIYPGTGGSNF
BAP049-hum10-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWIRQSPSRGLEWLGNIYPGTGGSNF
BAP049-hum14-HC QVQLVQSGAEVKKPGASVKVSCKASGYTFTTYWMHWIRQSPSRGLEWLGNIYPGTGGSNF
BAP049-hum15-HC QVQLVQSGAEVKKPGASVKVSCKASGYTFTTYWMHWIRQSPSRGLEWLGNIYPGTGGSNF
BAP049-hum16-HC EVQLVQSGAEVKKPGESLRISCKGSGYTFTTYWMHWVRQAPGQGLEWMGNIYPGTGGSNF

                        70        80        90       100       110
                ....|....|....|....|....|....|....|....|....|....|..
BAP049-chi-HC   DEKFKNRTSLTVDTSSTTAYMHLASLTSEDSAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum01-HC DEKFKNRVTITADKSTSTAYMELSSLRSEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum02-HC DEKFKNRVTITADKSTSTAYMELSSLRSEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum05-HC DEKFKNRVTITADKSTSTAYMELSSLRSEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum06-HC DEKFKNRVTITADKSTSTAYMELSSLRSEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum07-HC DEKFKNRVTITADKSTSTAYMELSSLRSEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum09-HC DEKFKNRVTITADKSTSTAYMELSSLRSEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum11-HC DEKFKNRVTITADKSTSTAYMELSSLRSEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum12-HC DEKFKNRVTITADKSTSTAYMELSSLRSEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum13-HC DEKFKNRVTITADKSTSTAYMELSSLRSEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum03-HC DEKFKNRFTISRDNSKNTLYLQMNSLRAEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum04-HC DEKFKNRFTISRDNSKNTLYLQMNSLRAEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum08-HC DEKFKNRFTISRDNSKNTLYLQMNSLRAEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum10-HC DEKFKNRFTISRDNSKNTLYLQMNSLRAEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum14-HC DEKFKNRFTISRDNSKNTLYLQMNSLRAEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum15-HC DEKFKNRFTISRDNSKNTLYLQMNSLRAEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum16-HC DEKFKNRFTISRDNSKNTLYLQMNSLRAEDTAVYYCTRWTTGTGAYWGQGTTVTVSS
```

FIGURE 9A

```
                        10        20        30        40        50        60
                  ....|....|....|....|....|....|....|....|....|....|....|....|
BAP049-chi-HC     QVQLQQSGSELVRPGASVKLSCKASGYTFTTYWMHWVRQRPGQGLEWIGNIYPGTGGSNF
BAP049-hum01-HC E...V...A.VKK..E.LRI...G..............AT......M...........
BAP049-hum02-HC E...V...A.VKK..E.LRI...G..............AT......M...........
BAP049-hum05-HC E...V...A.VKK..E.LRI...G..............AT......M...........
BAP049-hum06-HC E...V...A.VKK..E.LRI...G..............AT......M...........
BAP049-hum07-HC E...V...A.VKK..E.LRI...G..............AT......M...........
BAP049-hum09-HC E...V...A.VKK..E.LRI...G..............AT......M...........
BAP049-hum11-HC E...V...A.VKK..E.LRI...G..............AT......M...........
BAP049-hum12-HC E...V...A.VKK..E.LRI...G..............AT......M...........
BAP049-hum13-HC E...V...A.VKK..E.LRI...G..............AT......M...........
BAP049-hum03-HC E...V...A.VKK..E.LRI...G............I..S.SR....L...........
BAP049-hum04-HC E...V...A.VKK..E.LRI...G............I..S.SR....L...........
BAP049-hum08-HC E...V...A.VKK..E.LRI...G............I..S.SR....L...........
BAP049-hum10-HC E...V...A.VKK..E.LRI...G............I..S.SR....L...........
BAP049-hum14-HC ....V...A.VKK......V...............I..S.SR....L...........
BAP049-hum15-HC ....V...A.VKK......V...............I..S.SR....L...........
BAP049-hum16-HC E...V...A.VKK..E.LRI...G..............A.......M...........

                        70        80        90       100       110
                  ....|....|....|....|....|....|....|....|....|....|....|..
BAP049-chi-HC     DEKFKNRTSLTVDTSSTTAYMHLASLTSEDSAVYYCTRWTTGTGAYWGQGTTVTVSS
BAP049-hum01-HC .......VTI.A.K.TS....E.S..R...T.........................
BAP049-hum02-HC .......VTI.A.K.TS....E.S..R...T.........................
BAP049-hum05-HC .......VTI.A.K.TS....E.S..R...T.........................
BAP049-hum06-HC .......VTI.A.K.TS....E.S..R...T.........................
BAP049-hum07-HC .......VTI.A.K.TS....E.S..R...T.........................
BAP049-hum09-HC .......VTI.A.K.TS....E.S..R...T.........................
BAP049-hum11-HC .......VTI.A.K.TS....E.S..R...T.........................
BAP049-hum12-HC .......VTI.A.K.TS....E.S..R...T.........................
BAP049-hum13-HC .......VTI.A.K.TS....E.S..R...T.........................
BAP049-hum03-HC .......FTISR.N.KN.L.LQMN..RA..T.........................
BAP049-hum04-HC .......FTISR.N.KN.L.LQMN..RA..T.........................
BAP049-hum08-HC .......FTISR.N.KN.L.LQMN..RA..T.........................
BAP049-hum10-HC .......FTISR.N.KN.L.LQMN..RA..T.........................
BAP049-hum14-HC .......FTISR.N.KN.L.LQMN..RA..T.........................
BAP049-hum15-HC .......FTISR.N.KN.L.LQMN..RA..T.........................
BAP049-hum16-HC .......FTISR.N.KN.L.LQMN..RA..T.........................
```

FIGURE 9B

```
                        10        20        30        40        50        60
                  ....|....|....|....|....|....|....|....|....|....|....|
BAP049-chi-LC     DIVMTQSPSSLTVTAGEKVTMSCKSSQSLLDSGNQKNFLTWYQQKPGQPPKLLIFWASTR
BAP049-hum08-LC EIVLTQSPDFQSVTPKEKVTITCKSSQSLLDSGNQKNFLTWYQQKPGQAPRLLIYWASTR
BAP049-hum09-LC EIVLTQSPDFQSVTPKEKVTITCKSSQSLLDSGNQKNFLTWYQQKPGQAPRLLIYWASTR
BAP049-hum15-LC EIVLTQSPDFQSVTPKEKVTITCKSSQSLLDSGNQKNFLTWYQQKPGQAPRLLIYWASTR
BAP049-hum16-LC EIVLTQSPDFQSVTPKEKVTITCKSSQSLLDSGNQKNFLTWYQQKPGQAPRLLIYWASTR
BAP049-hum10-LC EIVLTQSPATLSLSPGERATLSCKSSQSLLDSGNQKNFLTWYQQKPGQAPRLLIYWASTR
BAP049-hum11-LC EIVLTQSPATLSLSPGERATLSCKSSQSLLDSGNQKNFLTWYQQKPGQAPRLLIYWASTR
BAP049-hum14-LC EIVLTQSPATLSLSPGERATLSCKSSQSLLDSGNQKNFLTWYQQKPGQAPRLLIYWASTR
BAP049-hum06-LC DIVMTQTPLSLPVTPGEPASISCKSSQSLLDSGNQKNFLTWYQQKPGQAPRLLIYWASTR
BAP049-hum07-LC EIVLTQSPATLSLSPGERATLSCKSSQSLLDSGNQKNFLTWYQQKPGKAPKLLIYWASTR
BAP049-hum13-LC DVVMTQSPLSLPVTLGQPASISCKSSQSLLDSGNQKNFLTWYQQKPGKAPKLLIYWASTR
BAP049-hum12-LC DIQMTQSPSSLSASVGDRVTITCKSSQSLLDSGNQKNFLTWYLQKPGQSPQLLIYWASTR
BAP049-hum02-LC DIQMTQSPSSLSASVGDRVTITCKSSQSLLDSGNQKNFLTWYQQKPGQAPRLLIYWASTR
BAP049-hum03-LC DIQMTQSPSSLSASVGDRVTITCKSSQSLLDSGNQKNFLTWYQQKPGQAPRLLIYWASTR
BAP049-hum01-LC EIVLTQSPATLSLSPGERATLSCKSSQSLLDSGNQKNFLTWYQQKPGQAPRLLIYWASTR
BAP049-hum04-LC EIVLTQSPATLSLSPGERATLSCKSSQSLLDSGNQKNFLTWYQQKPGKAPKLLIYWASTR
BAP049-hum05-LC EIVLTQSPATLSLSPGERATLSCKSSQSLLDSGNQKNFLTWYQQKPGKAPKLLIYWASTR

                        70        80        90        100       110
                  ....|....|....|....|....|....|....|....|....|...
BAP049-chi-LC     ESGVPDRFTGSGSVTDFTLTISSVQAEDLAVYYCQNDYSYPCTFGQGTKVEIK
BAP049-hum08-LC ESGVPSRFSGSGSGTDFTFTISSLEAEDAATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum09-LC ESGVPSRFSGSGSGTDFTFTISSLEAEDAATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum15-LC ESGVPSRFSGSGSGTDFTFTISSLEAEDAATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum16-LC ESGVPSRFSGSGSGTDFTFTISSLEAEDAATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum10-LC ESGVPSRFSGSGSGTDFTFTISSLEAEDAATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum11-LC ESGVPSRFSGSGSGTDFTFTISSLEAEDAATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum14-LC ESGVPSRFSGSGSGTDFTFTISSLEAEDAATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum06-LC ESGVPSRFSGSGSGTDFTFTISSLEAEDAATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum07-LC ESGVPSRFSGSGSGTDFTFTISSLEAEDAATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum13-LC ESGVPSRFSGSGSGTDFTFTISSLEAEDAATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum12-LC ESGVPSRFSGSGSGTDFTFTISSLEAEDAATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum02-LC ESGIPPRFSGSGYGTDFTLTINNIESEDAAYYFCQNDYSYPYTFGQGTKVEIK
BAP049-hum03-LC ESGIPPRFSGSGYGTDFTLTINNIESEDAAYYFCQNDYSYPYTFGQGTKVEIK
BAP049-hum01-LC ESGVPSRFSGSGSGTEFTLTISSLQPDDFATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum04-LC ESGVPSRFSGSGSGTDFTFTISSLQPEDIATYYCQNDYSYPYTFGQGTKVEIK
BAP049-hum05-LC ESGVPSRFSGSGSGTDFTFTISSLQPEDIATYYCQNDYSYPYTFGQGTKVEIK
```

FIGURE 10A

```
                        10        20        30        40        50        60
                  ....|....|....|....|....|....|....|....|....|....|....|....|
BAP049-chi-LC     DIVMTQSPSSLTVTAGEKVTMSCKSSQSLLDSGNQKNFLTWYQQKPGQPPKLLIFWASTR
BAP049-hum08-LC   E..L....DFQS..PK....IT.........................A.R...Y.....
BAP049-hum09-LC   E..L....DFQS..PK....IT.........................A.R...Y.....
BAP049-hum15-LC   E..L....DFQS..PK....IT.........................A.R...Y.....
BAP049-hum16-LC   E..L....DFQS..PK....IT.........................A.R...Y.....
BAP049-hum10-LC   E..L....AT.SLSP..RA.L..........................A.R...Y.....
BAP049-hum11-LC   E..L....AT.SLSP..RA.L..........................A.R...Y.....
BAP049-hum14-LC   E..L....AT.SLSP..RA.L..........................A.R...Y.....
BAP049-hum06-LC   ......T.L..P..P..PASI..........................A.R...Y.....
BAP049-hum07-LC   E..L....AT.SLSP..RA.L..........................KA.....Y.....
BAP049-hum13-LC   .V......L..P..L.QPASI..........................KA.....Y.....
BAP049-hum12-LC   ..Q........SASV.DR..IT....................L.....S.Q...Y.....
BAP049-hum02-LC   ..Q........SASV.DR..IT.........................A.R...Y.....
BAP049-hum03-LC   ..Q........SASV.DR..IT.........................A.R...Y.....
BAP049-hum01-LC   E..L....AT.SLSP..RA.L..........................A.R...Y.....
BAP049-hum04-LC   E..L....AT.SLSP..RA.L..........................KA.....Y.....
BAP049-hum05-LC   E..L....AT.SLSP..RA.L..........................KA.....Y.....

                        70        80        90        100       110
                  ....|....|....|....|....|....|....|....|....|...
BAP049-chi-LC     ESGVPDRFTGSGSVTDFTLTISSVQAEDLAVYYCQNDYSYPCTFGQGTKVEIK
BAP049-hum08-LC   .....S..S....G....F....LE...A.T..........Y...........
BAP049-hum09-LC   .....S..S....G....F....LE...A.T..........Y...........
BAP049-hum15-LC   .....S..S....G....F....LE...A.T..........Y...........
BAP049-hum16-LC   .....S..S....G....F....LE...A.T..........Y...........
BAP049-hum10-LC   .....S..S....G....F....LE...A.T..........Y...........
BAP049-hum11-LC   .....S..S....G....F....LE...A.T..........Y...........
BAP049-hum14-LC   .....S..S....G....F....LE...A.T..........Y...........
BAP049-hum06-LC   .....S..S....G....F....LE...A.T..........Y...........
BAP049-hum07-LC   .....S..S....G....F....LE...A.T..........Y...........
BAP049-hum13-LC   .....S..S....G....F....LE...A.T..........Y...........
BAP049-hum12-LC   .....S..S....G....F....LE...A.T..........Y...........
BAP049-hum02-LC   ...I.P..S...YG.......NNIES..A.Y.F........Y...........
BAP049-hum03-LC   ...I.P..S...YG.......NNIES..A.Y.F........Y...........
BAP049-hum01-LC   .....S..S....G.E.......L.PD.F.T..........Y...........
BAP049-hum04-LC   .....S..S....G....F....L.P..I.T..........Y...........
BAP049-hum05-LC   .....S..S....G....F....L.P..I.T..........Y...........
```

FIGURE 10B

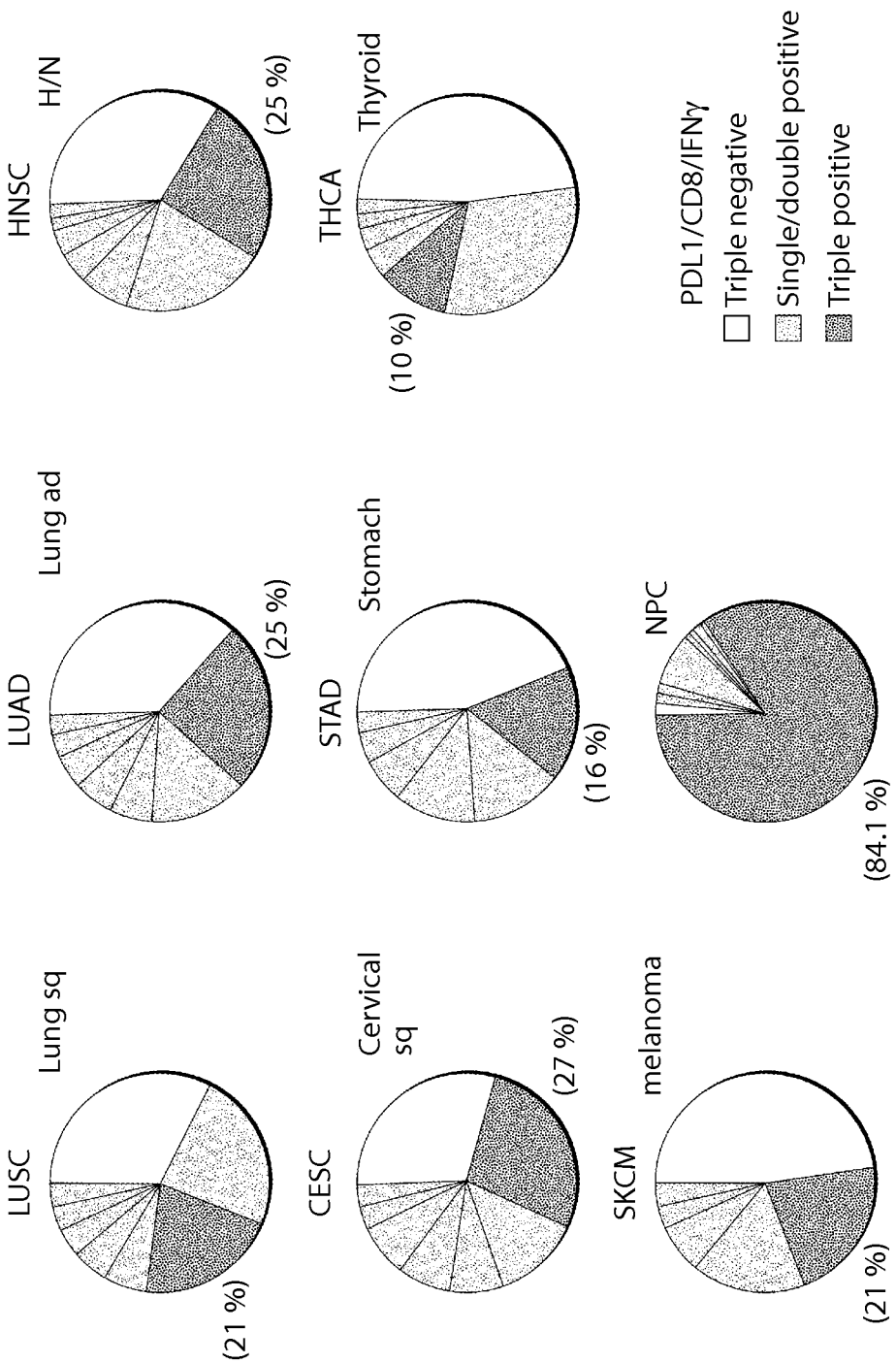

HNSC
H/N
(25 %)
THCA
Thyroid
(10 %)
LUAD
Lung ad
(25 %)
STAD
Stomach
(16 %)
NPC
(84.1 %)
LUSC
Lung sq
(21 %)
CESC
Cervical sq
(27 %)
SKCM
melanoma
(21 %)
PDL1/CD8/IFNγ
Triple negative
Single/double positive
Triple positive

FIGURE 11

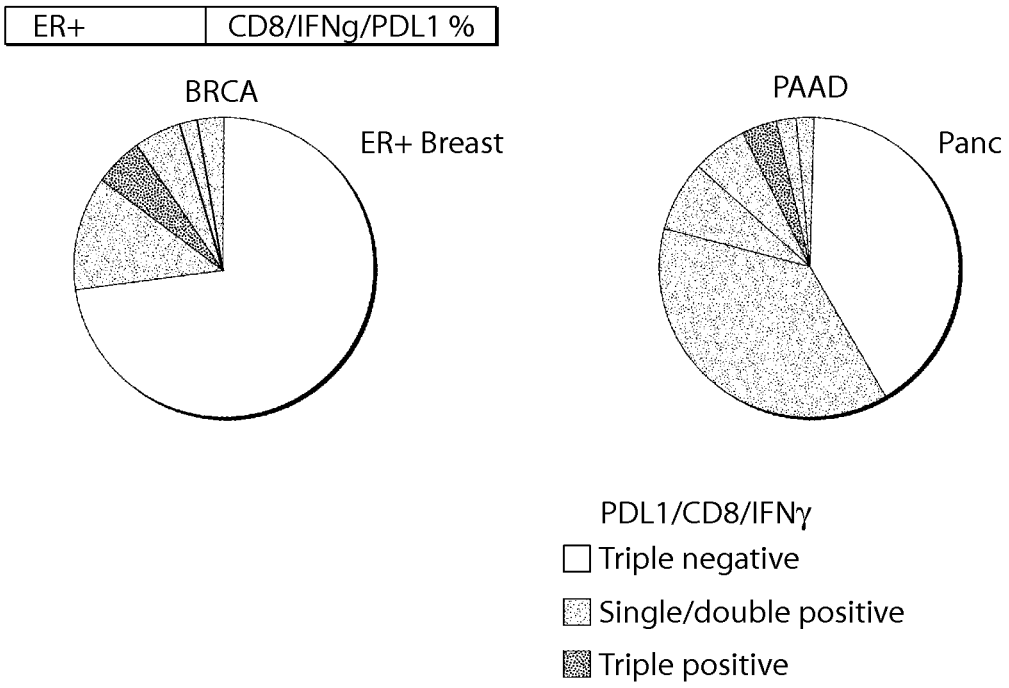

ER+
CD8/IFNg/PDL1 %
BRCA
ER+ Breast
PAAD
Panc
PDL1/CD8/IFNγ
Triple negative
Single/double positive
Triple positive

FIGURE 12

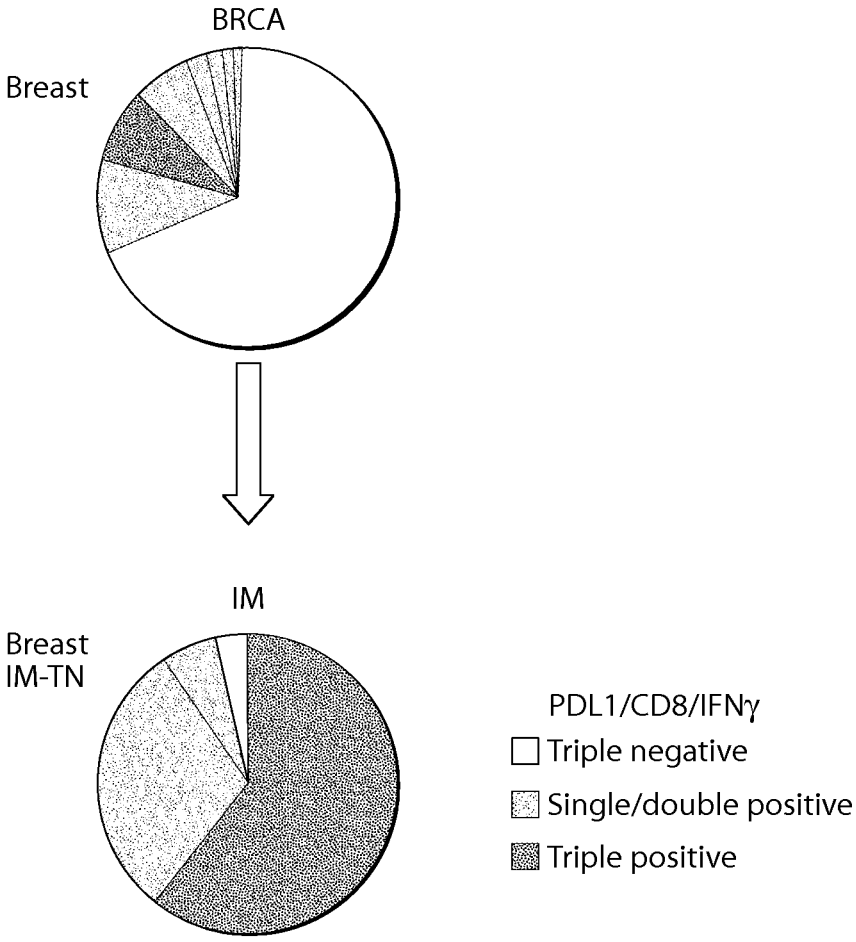

BRCA
Breast
IM
Breast
IM-TN
PDL1/CD8/IFNγ
Triple negative
Single/double positive
Triple positive

FIGURE 13

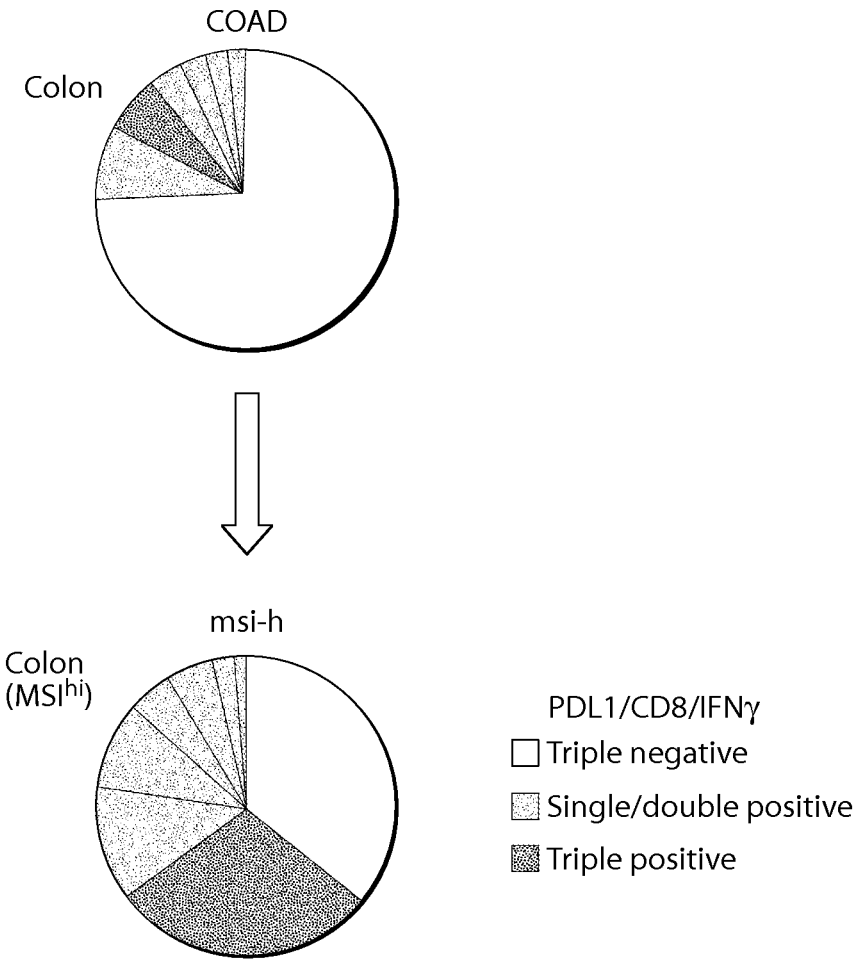

COAD
Colon
msi-h
Colon
(MSI^hi)
PDL1/CD8/IFNγ
Triple negative
Single/double positive
Triple positive

FIGURE 14

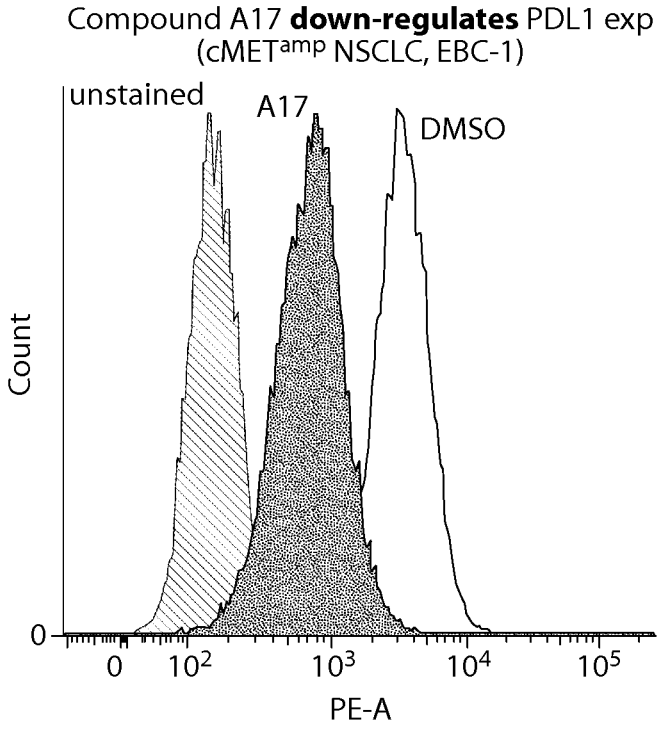

Compound A17 down-regulates PDL1 exp
(cMETamp NSCLC, EBC-1)
unstained
A17
DMSO
Count
0
0
10^2
10^3
10^4
10^5
PE-A
PDL1 expression by Flow Cytometry

FIGURE 15

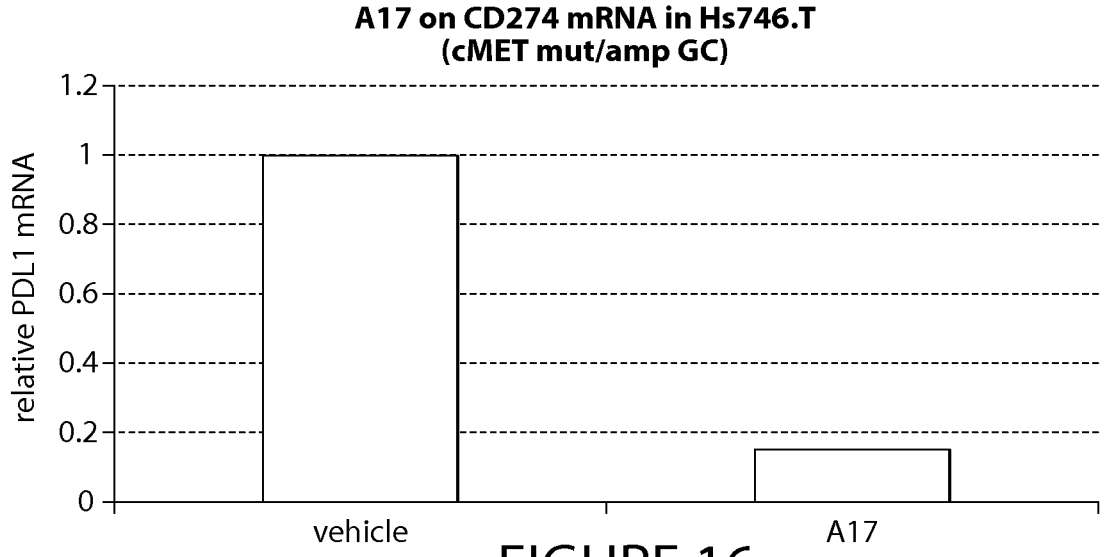


FIGURE 16

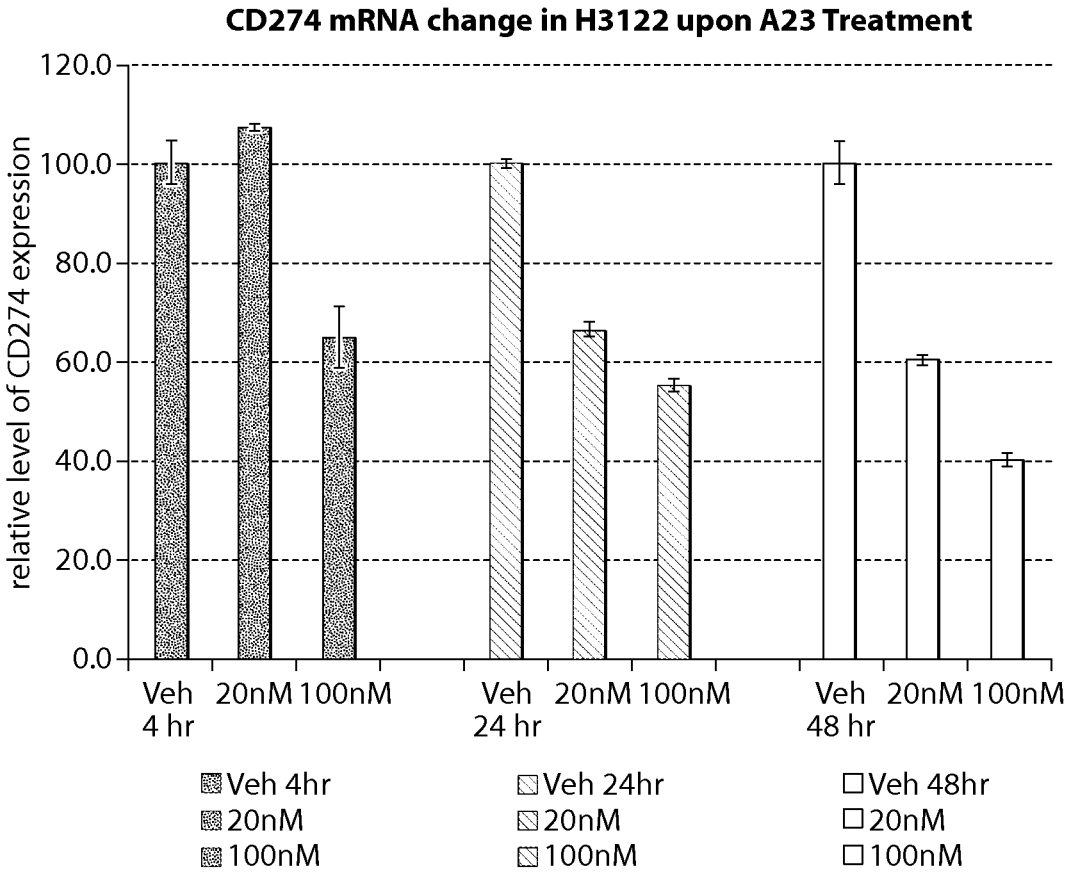


FIGURE 17

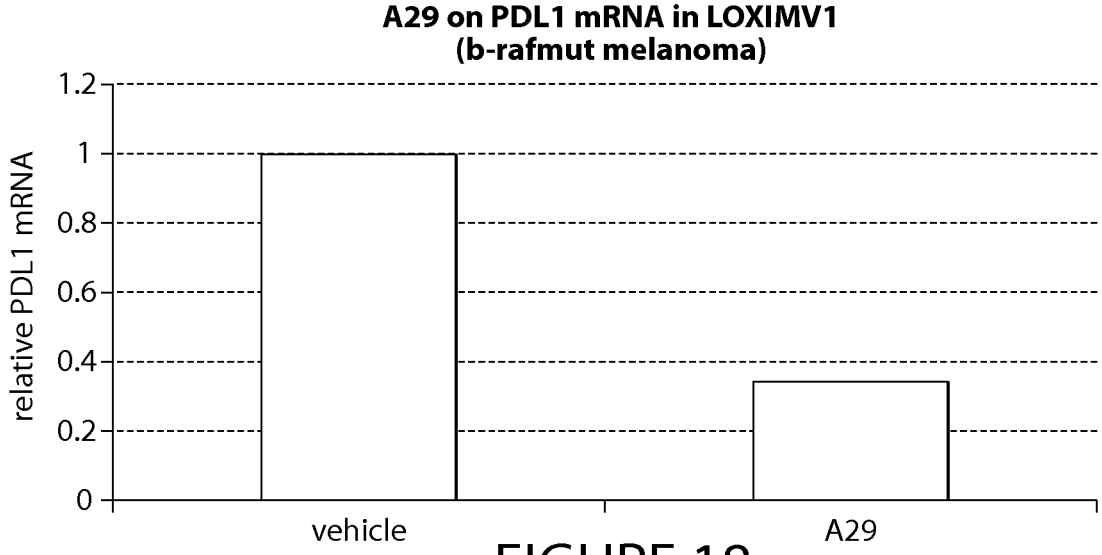


FIGURE 18

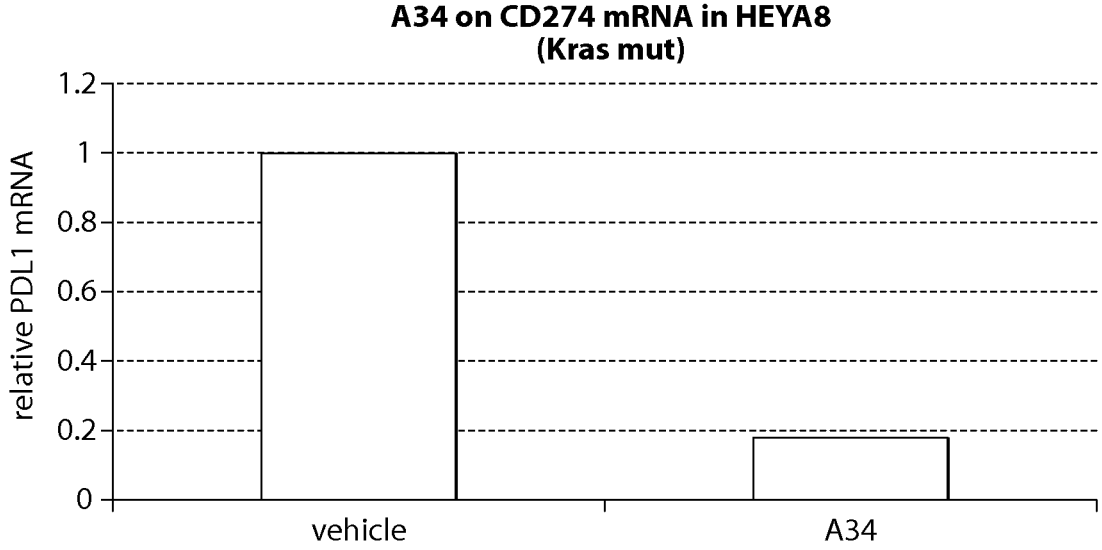


FIGURE 19

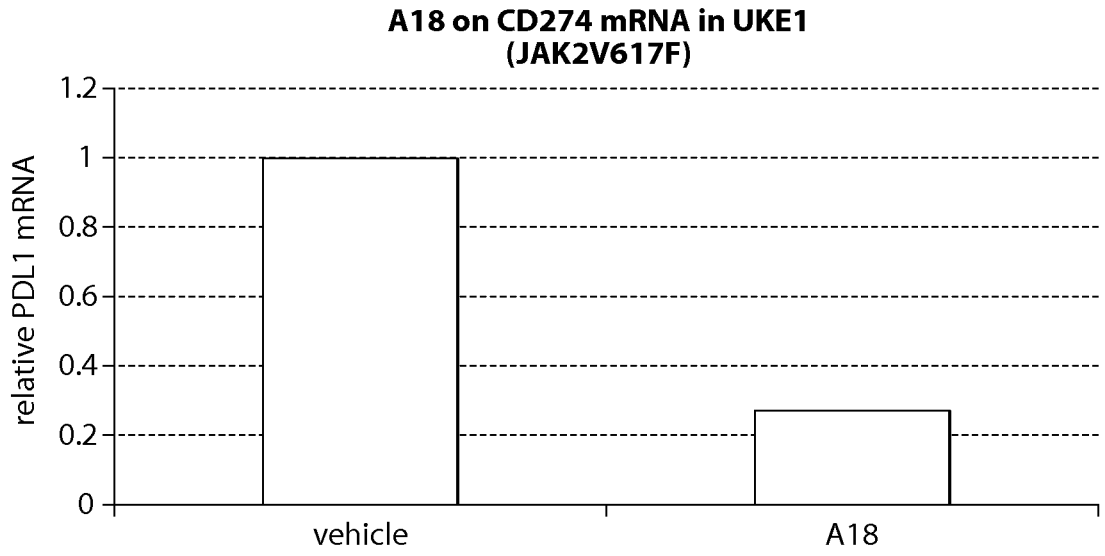

A18 on CD274 mRNA in UKE1
(JAK2V617F)
relative PDL1 mRNA
1.2
1
0.8
0.6
0.4
0.2
0
vehicle
A18

FIGURE 20