Figure 1

BOLD=Kabat CDR
Underline=Chothia CDR

6G Heavy Chain variable domain

```
                                                  H1
1     5       10      15      20      25      30      35
QVQLVQSGAEVKKPGASVKVSCKASGYTFTTYAIHWVRQ

                          H2
40      45      50      55      60      65      70      75
APGQGLEWMGFTSPYSGVSNYNQKFKGRVTMTRDTSTST

                                          H3
80      85      90      95      100     105     110     115
VYMELSSLRSEDTAVYYCARFDNYDRGYVRDYWGQGTLV

120
TVS
```

6G Light Chain variable domain

```
                                              L1
1     5       10      15      20      25      30      35
DIVMTQSPDSLAVSLGERATINCRASESVDNDRISFLNW

                          L2
40      45      50      55      60      65      70      75
YQQKPGQPPKLLIYAATKQGTGVPDRFSGSGSGTDFTLT

                          L3
80      85      90      95      100     105     110     114
ISSLQAEDVAVYYCQQSKEFPWSFGGGTKVEIKRTV
```

Figure 2

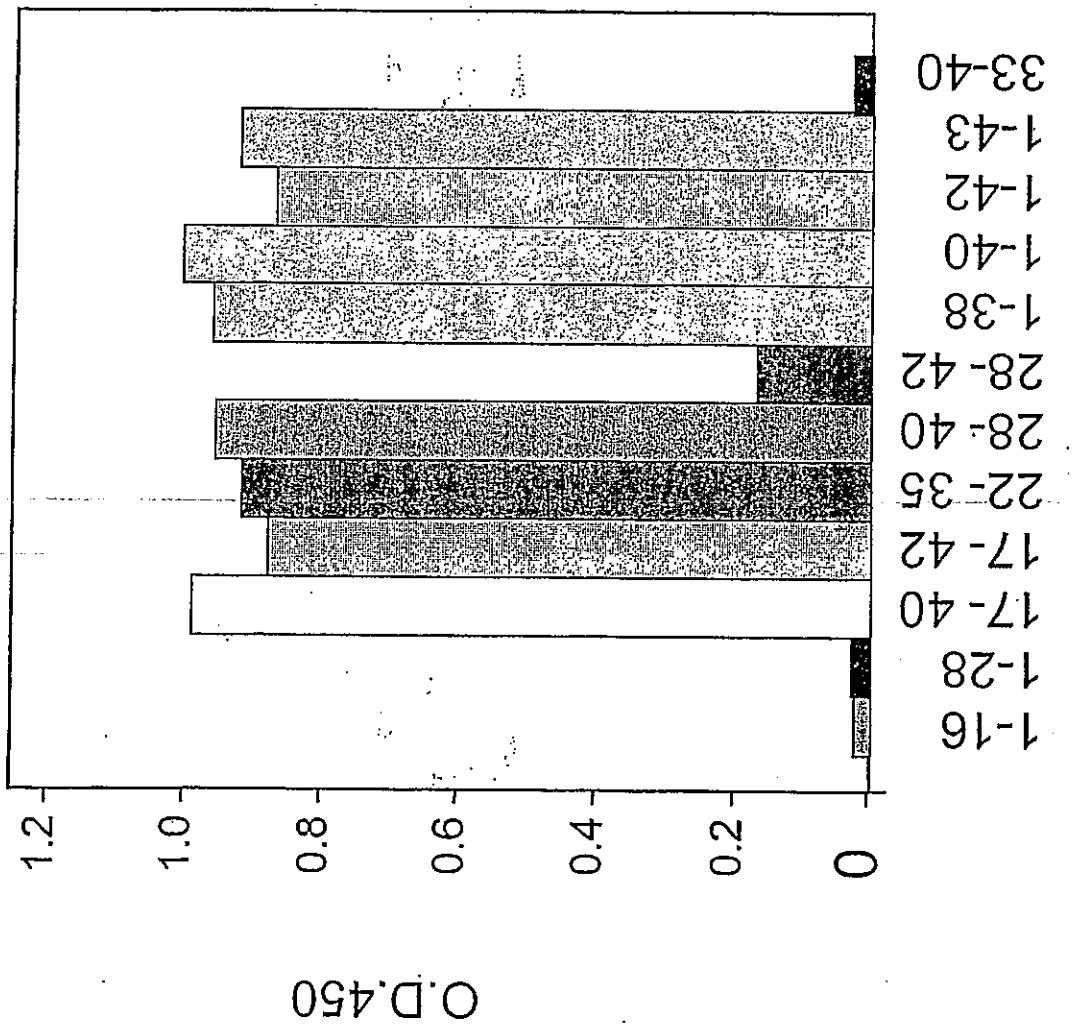

O.D.450
0
0.2
0.4
0.6
0.8
1.0
1.2
1-16
1-28
17- 40
17- 42
22- 35
28- 40
28- 42
1-38
1-40
1-42
1-43
33-40

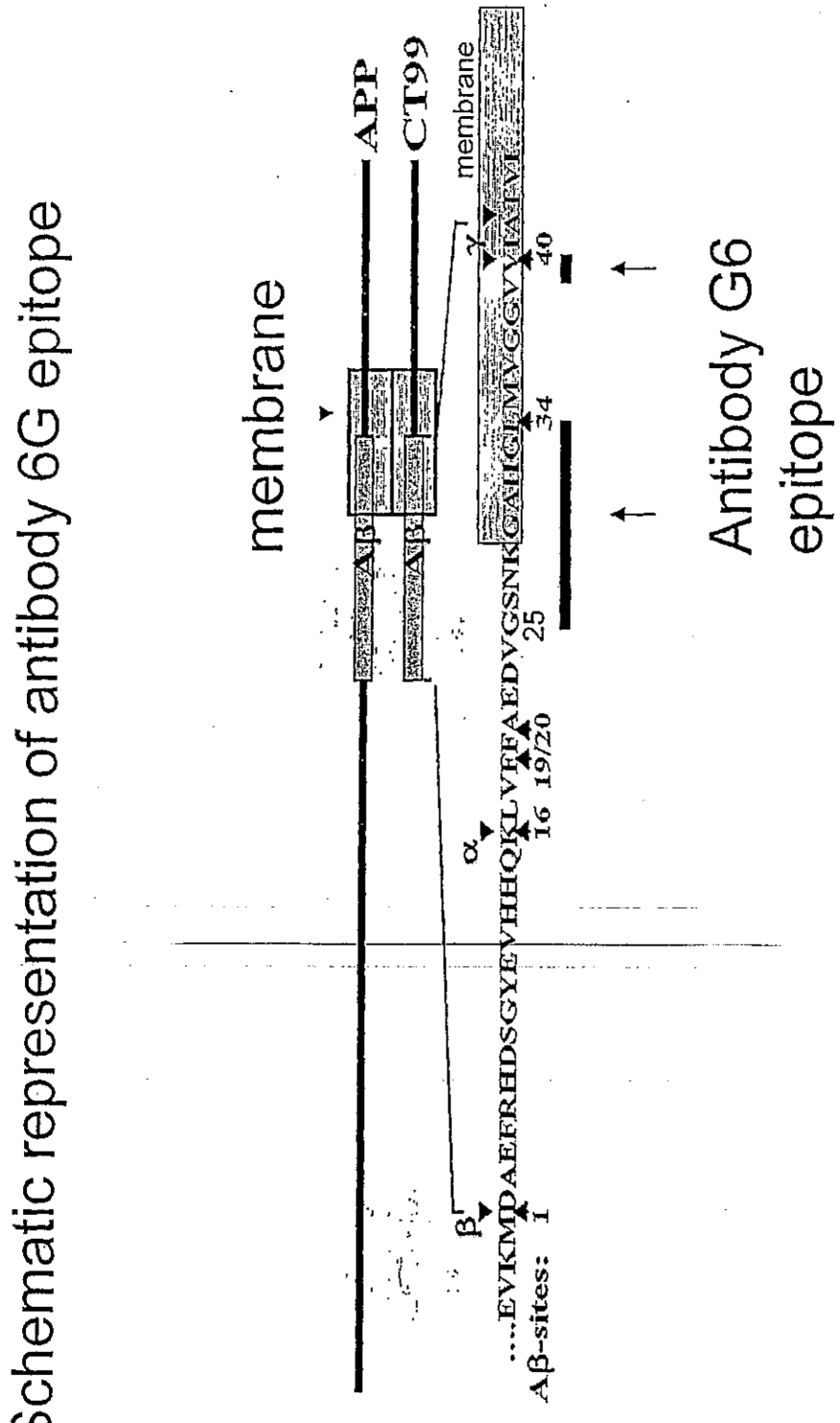
Figure 3

Epitope mapping of antibody 6G by ELISA peptide scanning

15-mer Peptides	A450 ELISA
FFAEDVGSNKGAIIGG	NB
FAEDVGSNKGAIIGLG	>3
AEDVGSNKGAIIGLMG	>3
EDVGSNKGAIIGLMVG	>3
DVGSNKGAIIGLMVGG	2.3
VGSNKGAIIGLMVGGG	2.1
GSNKGAIIGLMVGGVG	1.5
SNKGAIIGLMVGGVVG	NB
NKGAIIGLMVGGVVIG	NB

10-mer Peptides (min. epitope tested)	
VGSNKGAIIGG	NB
GSNKGAIIGLG	2
SNKGAIIGLMG	NB

Figure 4


Schematic representation of antibody 6G epitope
membrane
APP
CT99
membrane
Aβ
Aβ
γ
α
β
....EVKMDAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIATVI
Aβ-sites: 1
16
19/20
25
34
40
Antibody G6
epitope

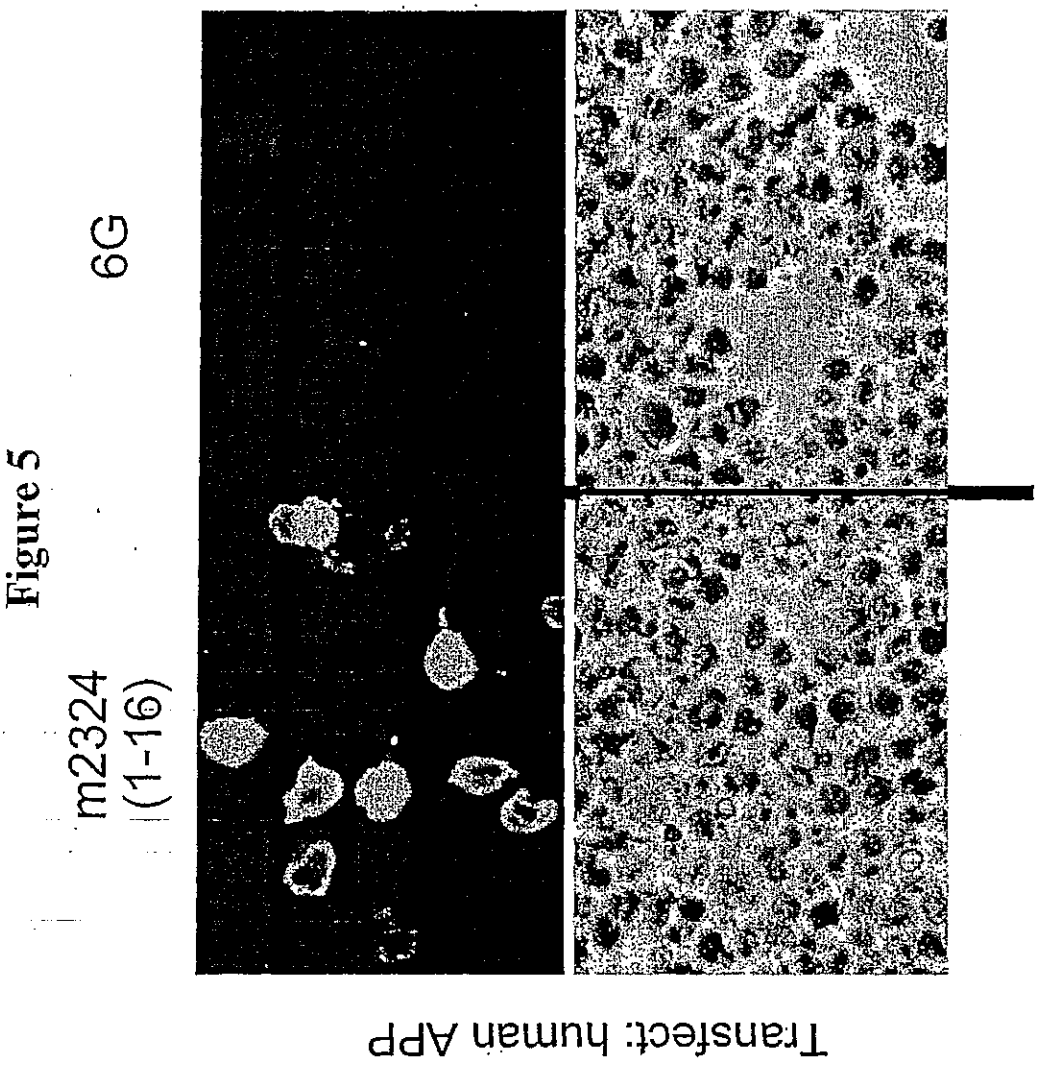


Figure 5

Epitope mapping:

	15 MER PEPTIDE	2294	6G
19	FFAEDVGSNKGAIIGG	NB	NB
20	FAEDVGSNKGAIIGLG	>3	>3
21	AEDVGSNKGAIIGLMG	2.9	>3
22	EDVGSNKGAIIGLMVG	>3	>3
23	DVGSNKGAIIGLMVGG	>3	2.3
24	VGSNKGAIIGLMVGGG	>3	2.1
25	GSNKGAIIGLMVGGVG	>3	1.5
26	SNKGAIIGLMVGGVVG	>3	NB.
27	NKGAIIGLMVGGVVIG	NB	NB
28	KGAIIGLMVGGVVIAG	NB	NB

10 MER PEPTIDES BINDING DATA: MINIMUM EPITOPE TESTED

	2294	6G
VGSNKGAIIGG	NB	NB
GSNKGAIIGLG	2	>3
SNKGAIIGLMG	NB	NB

Figure 6