

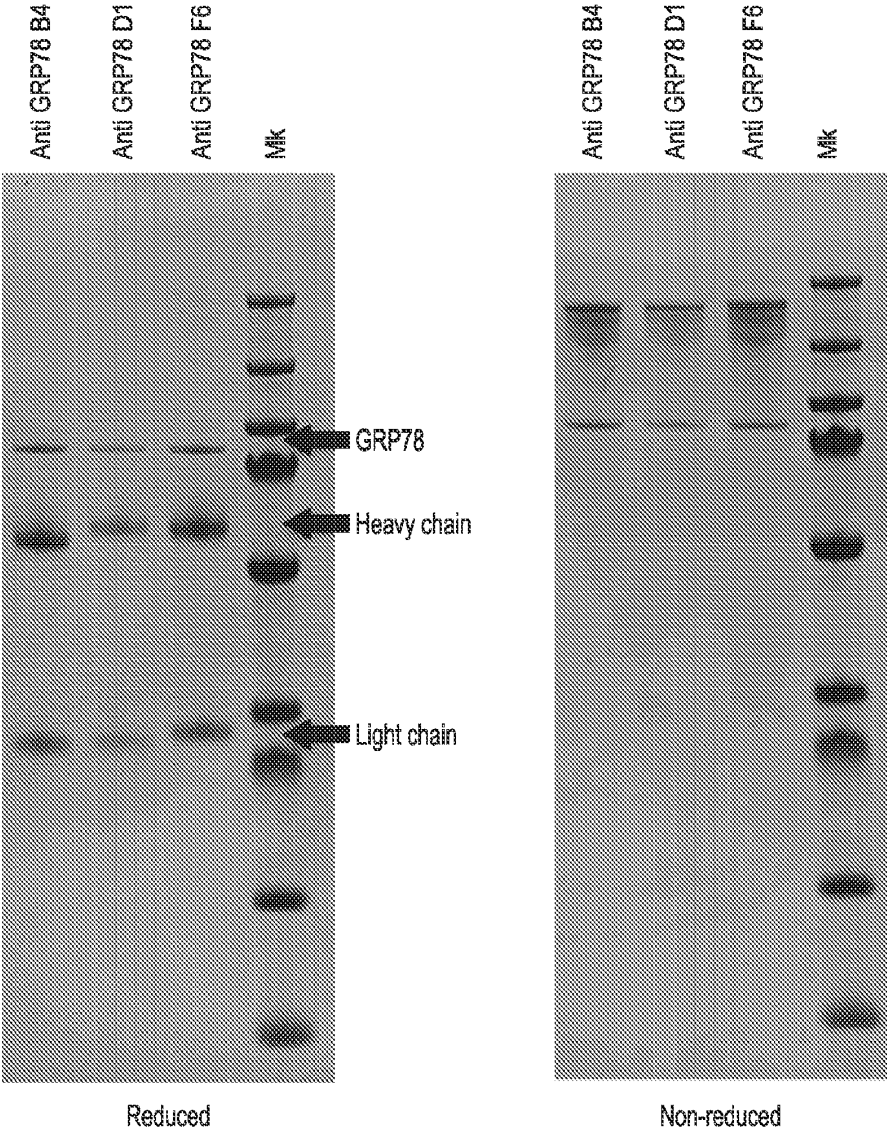


FIG. 1

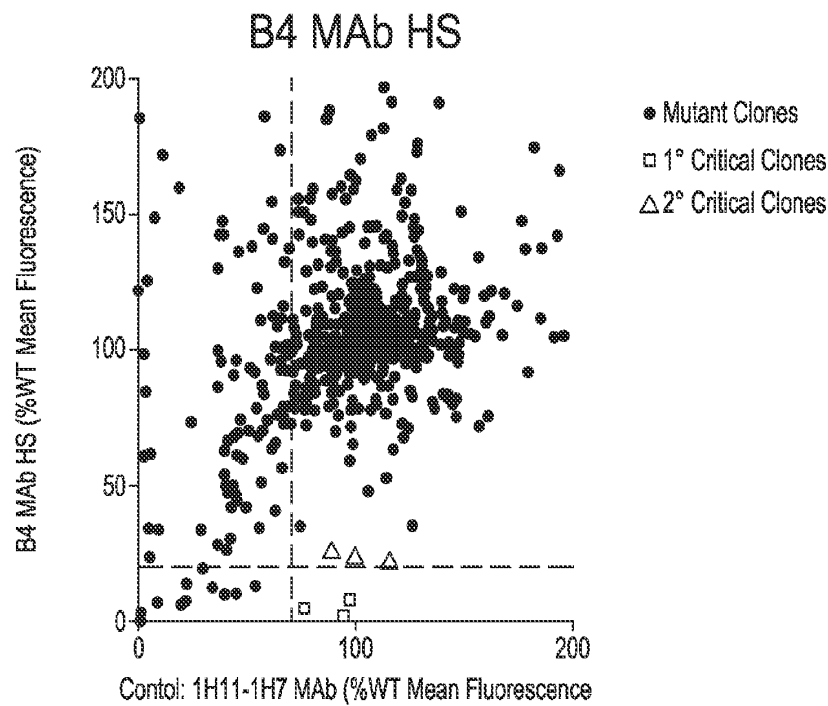


FIG. 2A

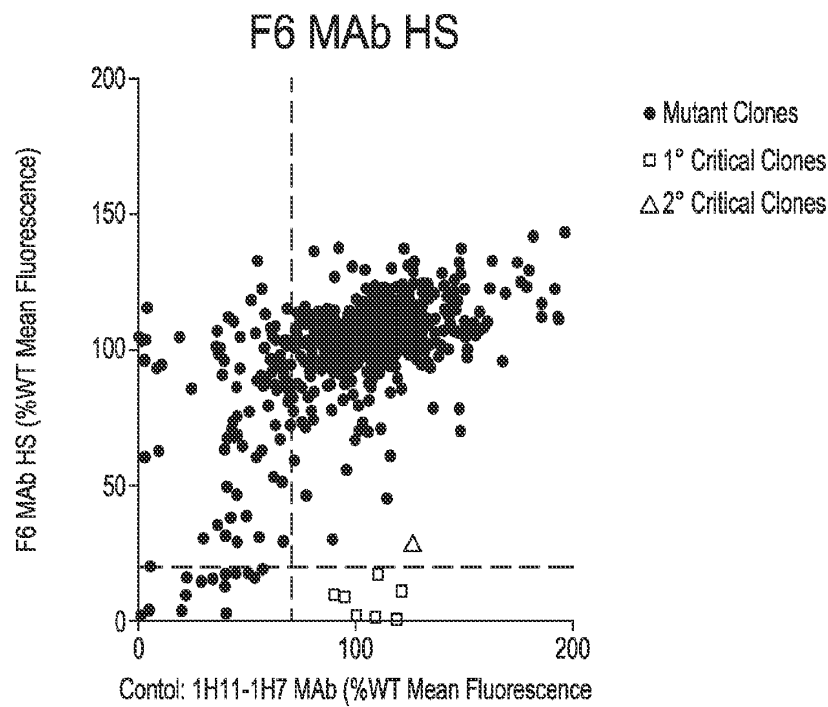
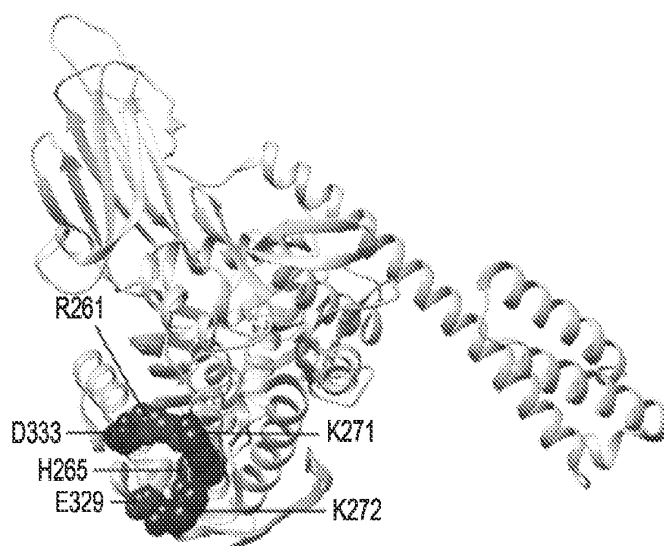


FIG. 2B

B4 MAb



F6 MAb

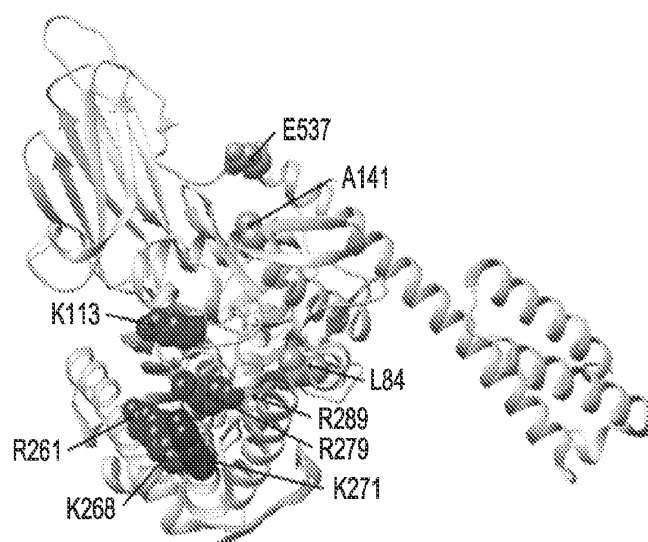


FIG. 3

B4 and F6 mAB interacting GRP78 sequences (condons and corresponding AA's)

Human GRP78 CDS nucleotide sequence R261 (B4 & F6) H265 (B4 only) K271 (B4 & F6) R279 (F6 only) E329 (B4 only)	Intron 4: 1924...2012 GTAAAGTATGAAATTTCAGGGATACGGCATATTGGCCAAATAGTGGAATGTGAAGTACTGACAA AACTTTTCCCTTTTTCAAATCTAATAG
	Exon 5: 2013...2403 TACGGCAGCTGCTATTGCTTATGGCCTGGATAAGAGGGAGGGGAGAAACATCCTGGTGT TGACCTGGGTGGCGGAACCTTCGATGTGTCTCTCTCACCATTGACAAATGGTGTCTTCGAAGT TGTGGCCACTAATGGAGATACATCTCTGGGTGGAGAGACTTTGACCACTGTCATGGAA TTTCATCAAACTGTACCTTAAAGAAAGACGGGCAAGATGTCCTTAAAGACAATAGAGCTGTGCA GAAACTCCGGCGCGAGGTAGAAAGGCCAAACGGGCCCTGCTCTCTCAGCATCAAGCAAGAAAT TGAAATTGAGTCCTTCTATGAAGGAGAAGACTTTCCTGAGACCCCTGACTCGGGCCAAATTTGA AATCTCAACATG
	Intron 5: 2404...2516 GTATGTTCCCTTGTTTCTGCTTGTCTTAATGAGATCTCCTTAGACTCTGAATTCAGGACATTGC ATCTAGATACTTTAGATAACAGACATCACAGTAACCATGCTCTTTTCTTAG
	MKLSLVAAMLILLSAARAEEEDKKEDVGIIVVGI DLGTTYSCVGVFKNGRVEIIANDQQNRIIR SYVAFTEGERLIGDAAKNQLTSNPENTVFDAKRLIGRTWNDESVQQDIKFLPEKVVEKKTKE YIQVDIGGGQTKTFAPEEISAMVLTMKETAEA YLGKKVTHAVVTPAYFNDAQRQATKDA GT IAGLNVMRIINEPTAAAIAYGLDKREGEKNILVE DLGGGTFDVSLLTIDNGVFEVVATNGDTH LGGEFDQVMEFIKLYKKTKGDMKKDNRAVQKLRREVEKAKRALSSQHQARIIESFYEG EDFSETLTRAKFELNMDLFRSTMKEVQKVLESDSDLKKSIDELVLVGGSTRIPKIQQLVKEF ENGKEPSRGINPDEAVAYGA AVQAGVLSGDQDTGDLVLLDVCP LTGLIETVGGVMTKLIPRN VVPTKKSQIFSTASDNQPTVTIKVYEGERPLTKDNHLLGTFDLTGIPAPRGVPQIEVTFEID VNGILRVTAEDKGTGNKNKITI TNDQNRLTPEEIERMVNDAEKFAEEDKKLKERIDTRNELES YAYSLKNQIGDKEKLGKMSSEDKETMEKAVEEKIEWLESHQDADIEDFKAKKKELEEIVQPI ISKLYGSAGPPPTGEEDTAEKDEL
	Human GRP78 AA sequence R261 H265 K271 R279 E329

FIG. 4

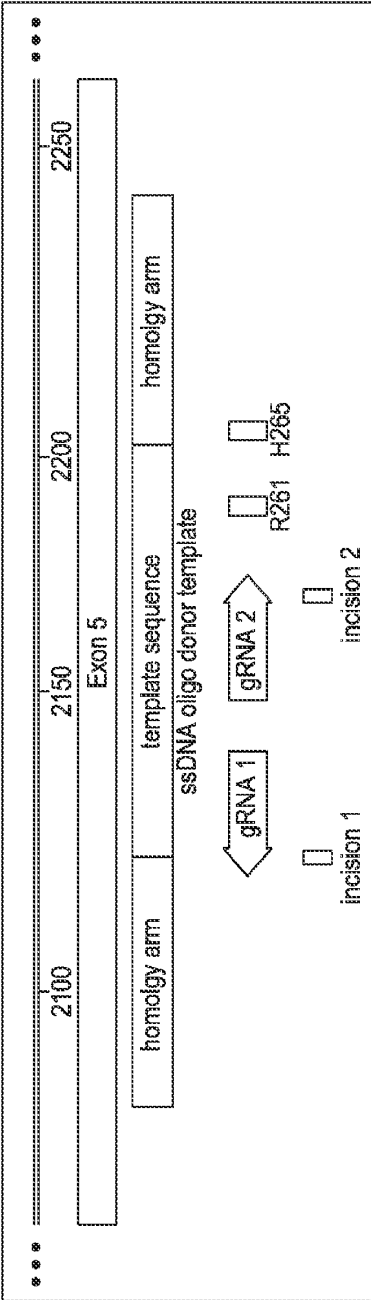


FIG. 5A

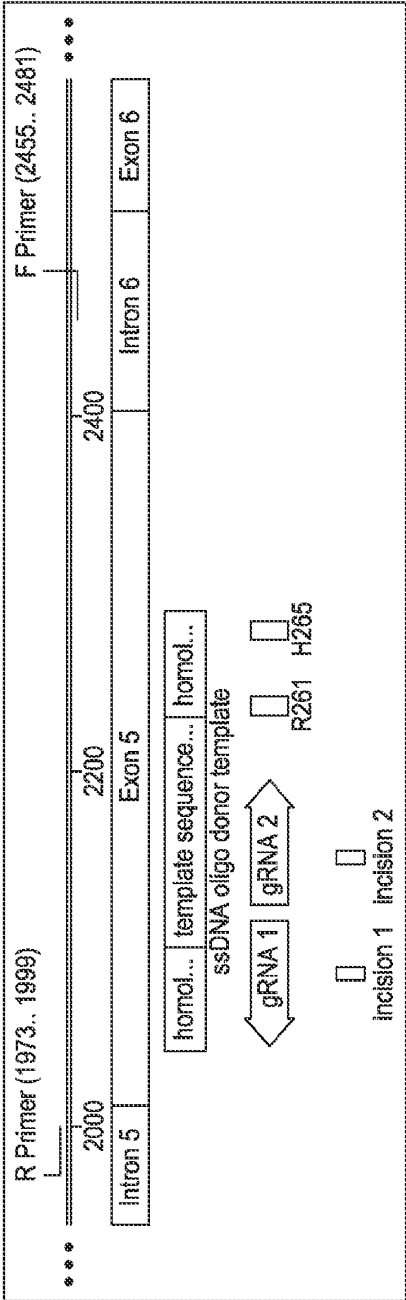


FIG. 5B