

Supplemental Fig.1. Nucleotide sequences of VH and VL regions of MB5 and MC8 clones. The sequences encoding CDR1,2 and 3 according to IMGT alignment are underlined. The codons encoding the first 4 amino acids of the constant regions are indicated in bold.

VH MB5:

gaggtgcagctggtgcagtctggagctgaggtgaaaaagccggggagtcctgaagatctcctgtaagggttctggatacaggttagcagctactggat
cggctgggtgcgcagaagcccggaaggcctggagtggtggatcatctatcctggtagctgataccagatatagtcgtccttccaaggccagg
tcaccatgtcagtcgacaagtctatcaacaccgcctacctgcagtggagcagcctgaaggcctcgacaccgcatgtattactgtgcgaaaaagggtt
ttggagtgggtattacaggctacggtatggacgtctggggccaagggaccacggtcaccgtctcctcagcctccaccaag

Vk MB5:

gatattgtgatgactcagtcctcactctccctgcccgtcaccctggagagccggcctccatctcctgcaggtctagttagagcctcctgcatagtaatggat
acaactatttgattggtacctgcagaagccaggcagtcctcacagctcctgatctattgggttctaatacggcctccgggtccctgacaggttcagtgg
cagtggtcagggcacagattatactgaaaatcagcagagtgaggctgaggatgttgggtttattactgcatgcaagctctacaaactcctcacacttt
tggccaggggaccaagctggagatcaaacgaactgtggct

VH MC8

gaggtgcagctgttgagctctgggggaggcttggtacagcctgaggggtcctgagactctcctgtgcagccgctggattcaccttagcagttatgccatg
acctgggtccgccaggctccagggaagggtgagtggtctcagaaattagtgatagtgctggtaccacattctacgcagcctccgtgaaggccggtt
caccatctccagagacaattccaagaacactctacatctgcaaatgaacagcctgagagccgaggacacggcctatattactgtgcgaaagcgaccctg
acccggcgtgagcttgactactggggccagggaaccctggtcaccgtctcctcagcctccaccaag

VK MC8

gaaattgtgtgacacagtcctccagccaccctgtctttgtctccaggggaaagagccaccctctcctgcagggccagttagagtgtagcacctacttagcct
ggtaccaacagaaacctggccaggctccaggctcctcatctatgatgtattcaagagggccactggcatccagccaggttcagtggtgagtggtctggg
acagacttactctcaccatcagcagcctagagcctgaagattttgagtttattactgtcagcagcgtagtaactggcctccgtacacttttggccagggga
ccaagctggagatcaaacgaactgtggct