Figure 1

The amino acid sequence of the MOR202 Variable Heavy Domain is:

QVQLVESGGGLVQPGGSLRLSCAASGFTFSSYYMNWVRQAPGKGLEWVSGISGD PSNTYYADSVKGRFTISRDNSKNTLYLQMNSLRAEDTAVYYCARDLPLVYTGFAYWGQGTL VTVSS (SEQ ID NO: 7)

The amino acid sequence of the MOR202 Variable Light Domain is:

DIELTQPPSVSVAPGQTARISCSGDNLRHYYVYWYQQKPGQAPVLVIYGDSKRPSGI PERFSGSNSGNTATLTISGTQAEDEADYYCQTYTGGASLVFGGGTKLTVLGQ (SEQ ID NO: 8)

The amino acid sequence of the MOR202 HCDR1 as defined by an internal nomenclature is: GFTFSSYYMN (SEQ ID NO: 9)

The amino acid sequence of the MOR202 HCDR1 as defined by Kabat is: SYYMN (SEQ ID NO: 10)

The amino acid sequence of the MOR202 HCDR2 as defined by Kabat is: GISGDPSNTYYADSVKG (SEQ ID NO: 11)

The amino acid sequence of the MOR202 HCDR3 as defined by Kabat is: DLPLVYTGFAY (SEQ ID NO: 12)

The amino acid sequence of the MOR202 LCDR1 as defined by Kabat is: SGDNLRHYYVY (SEQ ID NO: 13)

The amino acid sequence of the MOR202 LCDR2 as defined by Kabat is: GDSKRPS (SEQ ID NO: 14)

The amino acid sequence of the MOR202 LCDR3 as defined by Kabat is: QTYTGGAS (SEQ ID NO:15)

Figure 2 A

The amino acid sequence of the antibody MOR09292 (an anti-Id to MOR202) human albumin fusion protein named MOR09292-VH-CH1_HSA_6His (MOR09292-hAlb)

The amino acid sequence of the MOR09292 Variable Heavy Domain is:
QVQLVQSGAEVKKPGESLKISCKGSGYSFSNYWISWVRQMPGKGLEWMGIIDPASSKTRY SPSFQGQVTISADKSISTAYLQWSSLKASDTAMYYCARSRGAGMDYWGQGTLVTVSS (SEQ ID NO:16)

The amino acid sequence of the MOR09292 Variable Light Domain is:
DIVLTQPPSVSGAPGQRVTISCTGSSSNIGAGYDVHWYQQLPGTAPKLLIYADNNRPSGVPD RFSGSKSGTSASLAITGLQSEDEADYYCGSYDESSNSMVFGGGTKLTVLGQ (SEQ ID NO:17)

The amino acid sequence of the MOR09292 HCDR1 as defined by Kabat is: YSFSNYWIS (SEQ ID NO:18)

The amino acid sequence of the MOR09292 HCDR2 as defined by Kabat is: WMGIIDPASSKTRYSPSFQG (SEQ ID NO:19)

The amino acid sequence of the MOR09292 HCDR3 as defined by Kabat is: SRGAGMDY (SEQ ID NO:20)

The amino acid sequence of the MOR09292 LCDR1 as defined by Kabat is: TGSSSNIGAGYDVH (SEQ ID NO:21)

The amino acid sequence of the MOR09292 LCDR2 as defined by Kabat is: LLIYADNNRPS (SEQ ID NO:22)

The amino acid sequence of the MOR09292 LCDR3 as defined by Kabat is: GSYDESSNSM (SEQ ID NO:23)

Figure 2 B

The amino acid sequence of the antibody MOR09292 (an anti-Id to MOR202) human albumin fusion protein named MOR09292-VH-CH1_HSA_6His (MOR09292-hAlb) (contd)

Heavy Chain with albumin fusion (MOR09292-VH-CH1_HSA_6His) (MOR09292-hAlb heavy chain):

QVQLVQSGAEVKKPGESLKISCKGSGYSFSNYWISWVRQMPGKGLEWMGIIDPASSKTRY
SPSFQGQVTISADKSISTAYLQWSSLKASDTAMYYCARSRGAGMDYWGQGTLVTVSSAST
KGPSVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYS
LSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSDIDAHKSEVAHRFKDLGEENFKAL
VLIAFAQYLQQCPFEDHVKLVNEVTEFAKTCVADESAENCDKSLHTLFGDKLCTVATLRETY
GEMADCCAKQEPERNECFLQHKDDNPNLPRLVRPEVDVMCTAFHDNEETFLKKYLYEIARR
HPYFYAPELLFFAKRYKAAFTECCQAADKAACLLPKLDELRDEGKASSAKQRLKCASLQKF
GERAFKAWAVARLSQRFPKAEFAEVSKLVTDLTKVHTECCHGDLLECADDRADLAKYICEN
QDSISSKLKECCEKPLLEKSHCIAEVENDEMPADLPSLAADFVESKDVCKNYAEAKDVFLGM
FLYEYARRHPDYSVVLLLRLAKTYETTLEKCCAAADPHECYAKVFDEFKPLVEEPQNLIKQN
CELFEQLGEYKFQNALLVRYTKKVPQVSTPTLVEVSRNLGKVGSKCCKHPEAKRMPCAEDY
LSVVLNQLCVLHEKTPVSDRVTKCCTESLVNRRPCFSALEVDETYVPKEFNAETFTFHADIC
TLSEKERQIKKQTALVELVKHKPKATKEQLKAVMDDFAAFVEKCCKADDKETCFAEEGKKLV
AASQAALGLVNSR
HHHHHH (SEQ ID NO:24)

Light Chain (MOR09292-hAlb):

DIVLTQPPSVSGAPGQRVTISCTGSSSNIGAGYDVHWYQQLPGTAPKLLIYADNNRPSGVPD
RFSGSKSGTSASLAITGLQSEDEADYYCGSYDESSNSMVFGGGTKLTVLGQPKAAPSVTLF
PPSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAGVETTTPSKQSNNKYAASSYLSL
TPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS (SEQ ID NO:25)

Figure 3

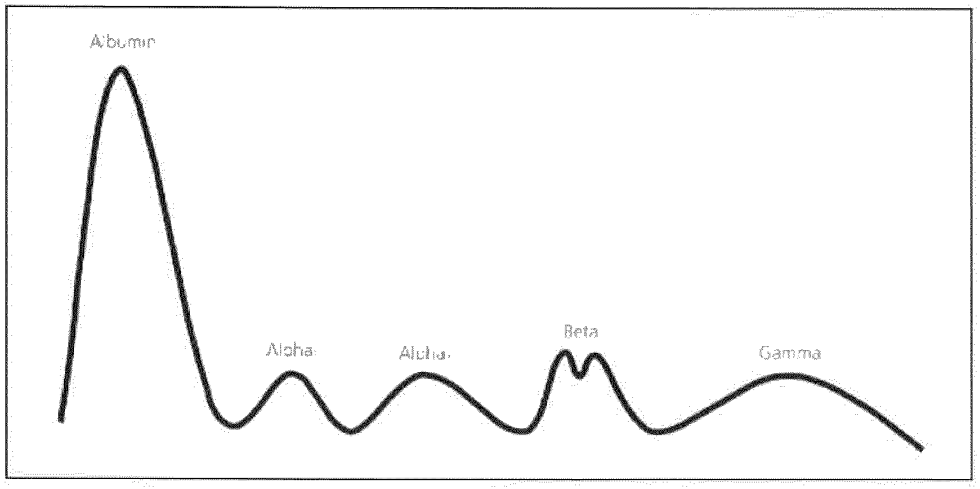


Figure 4

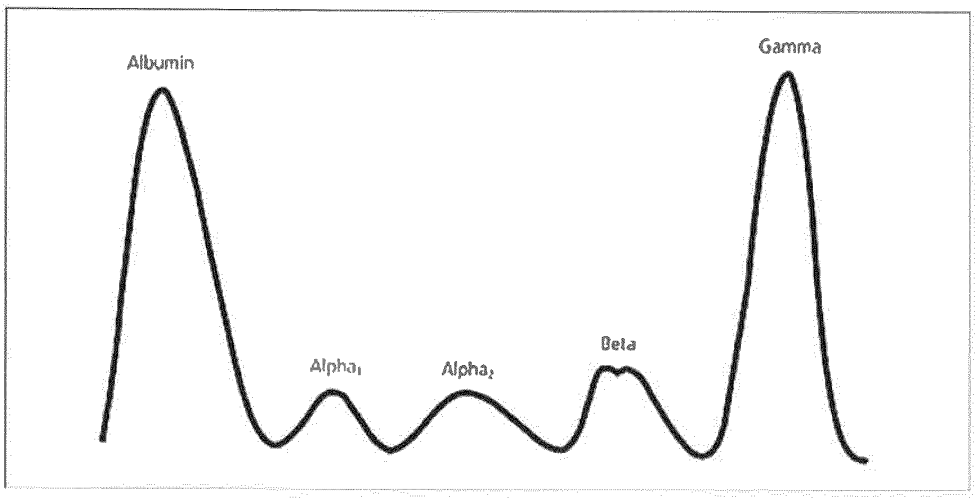


Figure 5

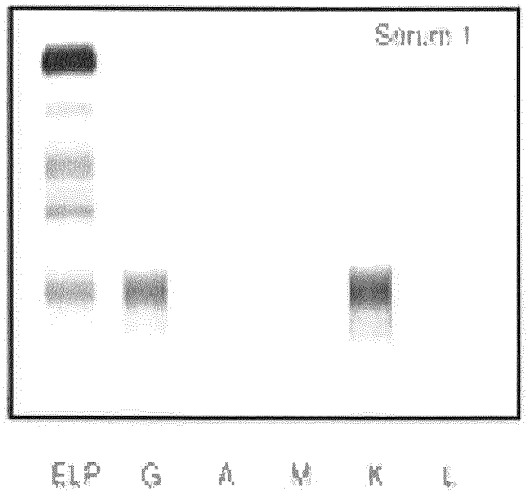


Figure 6

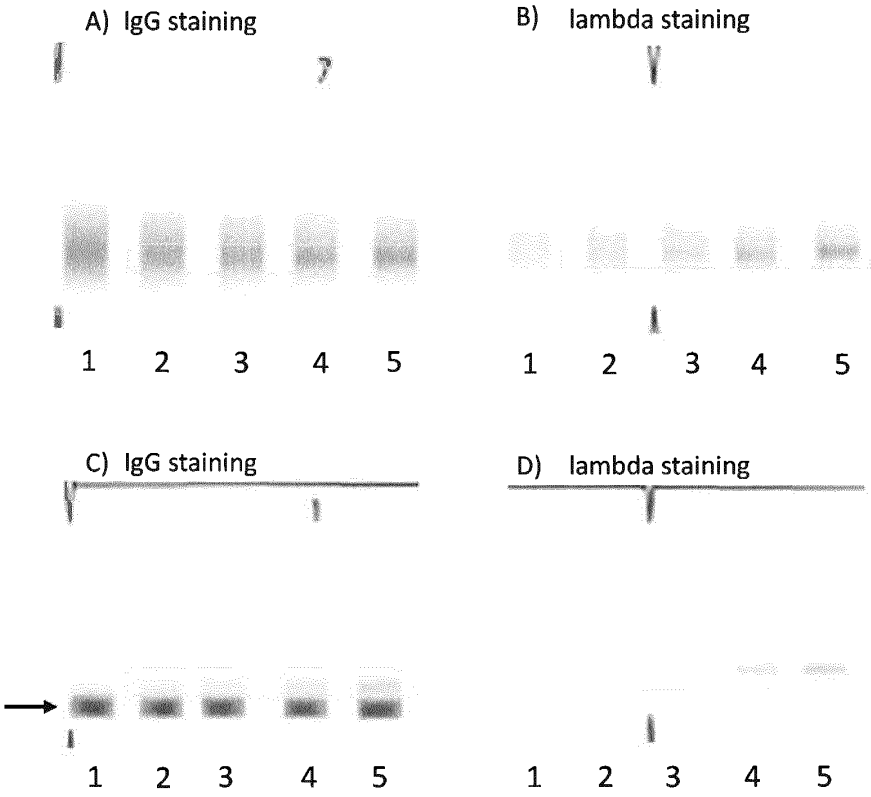
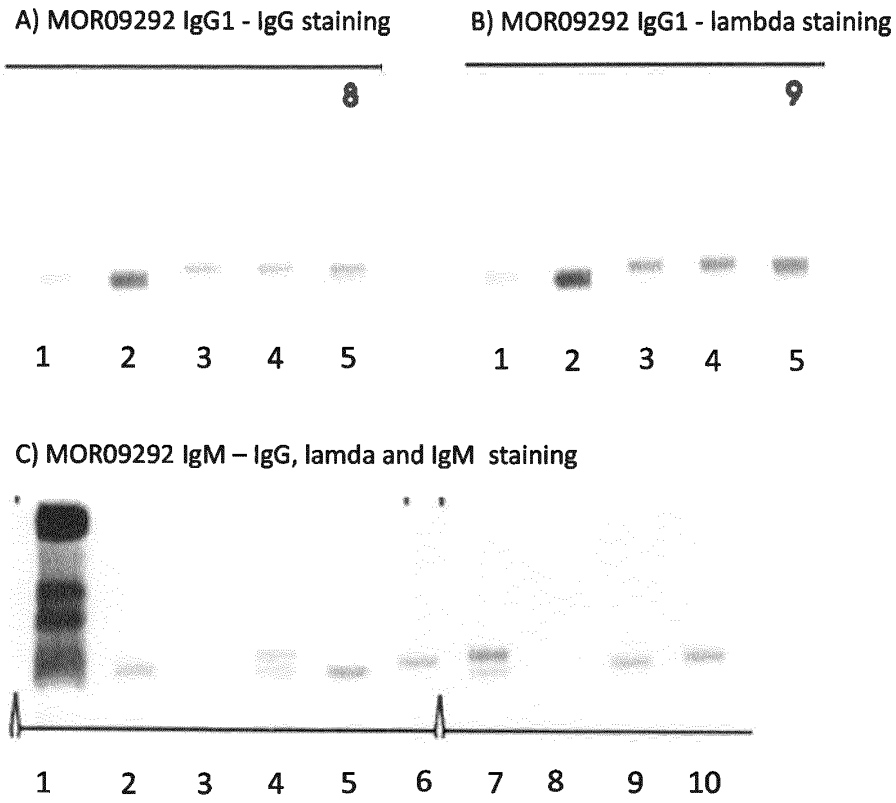

A) IgG staining
B) lambda staining
1 2 3 4 5
1 2 3 4 5
C) IgG staining
D) lambda staining
1 2 3 4 5
1 2 3 4 5

Figure 7


A) MOR09292 IgG1 - IgG staining
8
1 2 3 4 5
B) MOR09292 IgG1 - lambda staining
9
1 2 3 4 5
C) MOR09292 IgM – IgG, lamda and IgM staining
1 2 3 4 5 6 7 8 9 10

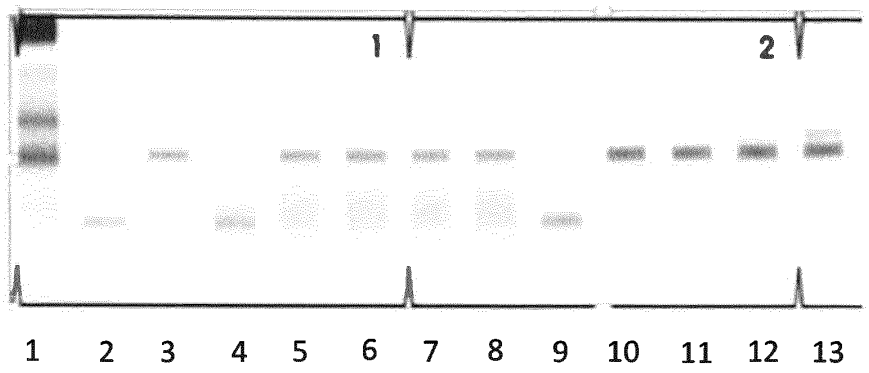



FIGURE 8