Figure 10D Polypeptide Sequence of MAb CL-5A

LIGHT CHAIN

SIGNAL PEPTIDE

MEWSGVFMFLLSVTAGVHS (SEQ ID NO 56)

VARIABLE REGION Vk

EIVMTQSPAT LSVSPGERAT LSCRASQSIG TNIHWYQQKP GQAPRLLIYY
ASESISGIPA RFSGSGSGTE FTLTISSLQS EDFAVYYCQQ SWSWPTTFGG
GTKVEIK (SEQ ID NO 65)

CONSTANT REGION Ck (SEQ ID NO 58)

TVAAPSVFIF PPSDEQLKSG TASVVCLLNN FYPREAKVQW KVDNALQSGN
SQESVTEQDS KDSTYSLSST LTLSKADYEK HKVYACEVTH QGLSSPVTKS
FNRGEC

HEAVY CHAIN (IgG1)

SIGNAL PEPTIDE

MEWSGVFMFLLSVTAGVHS (SEQ ID NO 56)

VARIABLE REGION VH (5A)

QVQLVQSGAE VMKPGSSVKV SCKASGYTFS WYWLEWVRQA PGHGLEWMGE
IEPGTFETNY NEKFKARVTF TADTSTSTAY MELSSLRSED TAVYYCARFS
HFSGSNYDYF DYWGQGTLVT VSS (SEQ ID NO 66)

CONSTANT REGION CH1-3(IgG1) (SEQ ID NO 60)

ASTKGPSVFP LAPSSKSTSG GTAALGCLVK DYFPEPVTVS WNSGALTSGV
HTFPAVLQSS GLYSLSSVVT VPSSSLGTQT YICNVNHKPS NTKVDKKVEP
KSCDKTHTCP PCPAPELLGG PSVFLFPPKP KDTLMISRTP EVTCVVVDVS
HEDPEVKFNW YVDGVEVHNA KTKPREEQYN STYRVVSVLT VLHQDWLNGK
EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTC
LVKGFYPSDI AVEWESNGQP ENNYKTTPPV LDSDGSFFLY SKLTVDKSRW
QQGNVFSCSV MHEALHNHYT QKSLSLSPGK

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EYKCKVSNKA LPAPIEKTIS KAKGQPREPQ VYTLPPSRDE LTKNQVSLTC
LVKGFYPSDI AVEWESNGQP ENNYKTTPPV LDSDGSFFLY SKLTVDKSRW
QQGNVFSCSV MHEALHNHYT QKSLSLSPGK