

Amino Acid Sequence of anti-hMUC1.IgE-3C6

IgE-heavy chain

MGWSCIILFLVATATGVHSEVKLEESGGGLVQPGGSMKLSAASGFTFSDAWMDWVRQSPKGLEWVAEIRSKANNH
ATYYAESVKGRFTTISRDVSKSSVYLQMNRLRAEDTGIYYCTRGGYGFDYWGQGTTLTVSSASTQSPSVFPLTRCCKN
IPSNATSVTLGCLATGYFPEPVMVTWDTGSLNGTTMTLPATTLTSLGHYATISLLTVSGAWAKQMFPCRVAHTPSST
DWVDNKTFVCSRDFTPPPTVKILQSSCDGGGHFPPTIQLLCLVSGYTPGTINITWLEDGQVMDVDLSTASTTQEGEL
ASTQSELTLQKHWSDRTYTCQVTYQGHTFEDSTKKCADSNPRGVSAYLSRPSPFDLFIRKSPTITCLVVDLAPSK
GTVNLTWSRASGKPVNHSTRKEEKQRNGTLTVTSTLPGVTRDWIEGETYQCRVTHPHLPRALMRSTTKTSGPRAAPE
VYAFATPEWPGSRDKRTLACLIONFMPEDISVQWLHNEVQLPDARHSTTQPRKTKGSGFFVFSRLEVTRAWEQKDE
FICRAVHEAASPSQTVQRAVSVNPGK*

IgE-light chain

MGWSCIILFLVATATGVHSDVLMTQTPLSLPVS LGDQASISCRSSQSIVHSNGNTYLEWYLQKPGQSPKLLIYKVSN
RFSGVPDRFSGSGGTDFTLKISRVEAEDLGVIYCFQGSHVPLTFGAGTKLELKRITVAAPSVFIFPPSDEQLKSGTA
SVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDYSLSSSTLTLSKADYEKHKVYACEVTHQGLSSPVTK
SFNRGEC*

Supplementary Figure S1: Amino acid sequence for the light and heavy chain of anti-MUC1.IgE-3C6. Red highlighted sequence represents secretion signal (mouse, synthetic). Bold sequence represent Fv region and grey sequence show constant region of antibody.