SEQUENCE LISTING

<110> AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH (A*STAR)

<120> MONOCLONAL ANTIBODY AGAINST MURAMYL PEPTIDES

<130> 9869SG2229

<150> SG201208082-6
<151> 2012-11-01

<160> 10

<170> PatentIn version 3.5

<210> 1
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<212> DNA
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<223> Heavy chain

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aaggggtttg agtgggttgc tgaaatcaga ttgaaatctg agaattatgc aacaaattat 180

acggagtctg tgaaagggaa gttcaccatc tcaagagatg attccaaaag tcgtctctac 240

ctgcaaatga acagcttagg agctgaggac actggaattt attactgtct aactggttat 300

gcctggtttg cttattgggg ccaagggact ctagtcactg tctctgcagc caaaacgaca 360

cccccatctg tctatccact ggcccctgga tctgctgccc aaactaactc catggtgacc 420

ctgggatgcc tggtcaaggg ctatttccct gagccagtga cagtgacctg gaactctgga 480

tccctgtcca gcggtgtgca caccttccca gctgtcctgc agtctgacct ctacactctg 540

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agagtggagg ctgaggattt gggagtttat tactgcgtgc aacatacaca ttttcccacg 180

ttcggagggg ggaccaagct ggaaataaaa cgggctgatg ctgcaccaac tgtatccatc 240

ttcccaccat ccagtgagca gttaacatct ggaggtgcct cagtcgtgtg cttcttgaac 300

aacttctacc ccaaagacat caatgtcaag tggaagattg atggcagtga acgacaaaat 360

ggcgtcctga acagttggac tgatcaggac agcaaagaca gcacctacag catgagcagc 420

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Lys Leu Ser Cys Ile Val Ser Gly Phe Thr Phe Ser Tyr Tyr Trp Met
20 25 30

Ser Trp Val Arg Gln Ser Pro Glu Lys Gly Phe Glu Trp Val Ala Glu
35 40 45

Ile Arg Leu Lys Ser Glu Asn Tyr Ala Thr Asn Tyr Thr Glu Ser Val
50 55 60

Lys Gly Lys Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Arg Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Gly Ala Glu Asp Thr Gly Ile Tyr Tyr Cys
85 90 95

Leu Thr Gly Tyr Ala Trp Phe Ala Tyr Trp Gly Gln Gly Thr Leu Val
100 105 110

Thr Val Ser Ala Ala Lys Thr Thr Pro Pro Ser Val Tyr Pro Leu Ala
115 120 125

Pro Gly Ser Ala Ala Gln Thr Asn Ser Met Val Thr Leu Gly Cys Leu
130 135 140

Val Lys Gly Tyr Phe Pro Glu Pro Val Thr Val Thr Trp Asn Ser Gly
145 150 155 160

Ser Leu Ser Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Asp
165 170 175

Leu Tyr Thr Leu Ser Ser Ser Val Thr Val Pro Ser Ser Thr Trp Pro
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Ser Glu Thr Val Thr Cys Asn Val Ala His Pro Ala Ser Ser Thr Lys
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<400> 4

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20 25 30

Thr Asp Phe Thr Leu Lys Ile Ser Arg Val Glu Ala Glu Asp Leu Gly
35 40 45

Val Tyr Tyr Cys Val Gln His Thr His Phe Pro Thr Phe Gly Gly Gly
50 55 60

Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala Pro Thr Val Ser Ile
65 70 75 80

Phe Pro Pro Ser Ser Glu Gln Leu Thr Ser Gly Gly Ala Ser Val Val
85 90 95

Cys Phe Leu Asn Asn Phe Tyr Pro Lys Asp Ile Asn Val Lys Trp Lys
100 105 110

Ile Asp Gly Ser Glu Arg Gln Asn Gly Val Leu Asn Ser Trp Thr Asp
115 120 125

Gln Asp Ser Lys Asp Ser Thr Tyr Ser Met Ser Ser Thr Leu Thr Leu
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Thr Lys Asp Glu Tyr Glu Arg His Asn Ser Tyr Thr Cys Glu Ala Thr
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Cys

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<210> 6
<211> 21
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<212> DNA
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