KEACPTGLYTHSGECCKACNLGEGVAQPCGANQTVCEPCLDSVTFSDVVSATEPCKPCTECV
GLQSMSAPCVEADDAVCRCAYGYYQDETTGRCEACRVCEAGSGLVFSCQDKQNTVCEECP
DGTYSDEANHVDPCLPCTVCEDTERQLRECTRWADAECEEIPGRWITRSTPPEGSDSTAPSTQ
EPEAPPEQDLIASTVAGVVTTVM**GSSQPVVTRGTTDNDIEGRMD***PKSCDKTHTCPPCPAPEL*
LGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNST
YRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLT
CLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEA
LHNHYTQKSLSLSPGK

Figure 1 – SEQ ID No. 1

MEWSWVFLFFLSVTTGVHSKEACPTGLYTHSGECCKACNLGEGVAQPCGANQTVCEPCLDS
VTFSDVVSATEPCKPCTECVGLQSMSAPCVEADDAVCRCAYGYYQDETTGRCEACRVCEAG
SGLVFSCQDKQNTVCEECPDGTYSDEANHVDPCLPCTVCEDTERQLRECTRWADAECEEIPG
RWITRSTPPEGSDSTAPSTQEPEAPPEQDLIASTVAGVVTTVMGGGGEPKSSDKTHTCPPCPAP
ELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREE
QYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRD
ELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ
QGNVFSCSVMHEALHNHYTQKSLSLSPG

Figure 2 – SEQ ID No. 2

KEACPTGLYTHSGECCKACNLGEGVAQPCGANQTVCEPCLDSVTFSDVVSATEPCKPCTECV
GLQSMSAPCVEADDAVCRCAYGYYQDETTGRCEACRVCEAGSGLVFSCQDKQNTVCEECP
DGTYSDEANHVDPCLPCTVCEDTERQLRECTRWADAECEEIPGRWITRSTPPEGSDSTAPSTQ
EPEAPPEQDLIASTVAGVVTTVMG<u>GGG</u>*EPKS**S**DKTHTCPPCPAPELLGGPSVFLFPPKPKDTLM*
ISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGK
EYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESN
GQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPG

Figure 3 – SEQ ID No. 3

AAGCTTGCCGCCACCATGGAATGGTCCTGGGTGTTCCTGTTCTTCCTGTCCGTGACCACC
GGCGTGCACTCCAAAGAGGCTTGTCCCACCGGCCTGTACACCCACTCTGGCGAGTGTTGC
AAGGCCTGTAACCTGGGAGAAGGCGTGGCCCAGCCTTGTGGCGCTAATCAGACAGTGTG
CGAGCCCTGCCTGGACTCCGTGACCTTCTCCGATGTGGTGTCCGCCACCGAGCCTTGCAA
GCCCTGCACAGAGTGTGTGGGCCTGCAGTCCATGTCCGCCCCTTGCGTGGAAGCCGACGA
CGCCGTGTGTAGATGCGCCTACGGCTACTACCAGGACGAGACAACCGGCAGATGCGAGG
CCTGCAGAGTGTGCGAAGCTGGCTCTGGCCTGGTGTTCAGTTGTCAAGACAAGCAGAAC
ACCGTGTGCGAGGAATGCCCCGACGGCACCTACTCTGACGAGGCCAATCACGTGGACCC
CTGCCTGCCTTGCACCGTGTGTGAAGATACCGAGCGGCAGCTGCGCGAGTGCACCAGAT
GGGCTGATGCCGAGTGCGAAGAGATCCCTGGCCGGTGGATCACCAGATCCACCCCTCCA
GAGGGCTCCGACTCTACCGCTCCCTCTACCCAGGAACCTGAGGCCCCTCCTGAGCAGGAC
CTGATCGCTTCTACAGTGGCCGGCGTCGTGACCACAGTGATGGGCGGAGGCGGCGAGCC
TAAGTCCTCCGACAAGACCCACACCTGTCCCCCTTGTCCTGCCCCTGAACTGCTGGGCGG
ACCTTCCGTGTTTCTGTTCCCCCCAAAGCCCAAGGACACCCTGATGATCTCCCGGACCCC
CGAAGTGACCTGCGTGGTGGTGGATGTGTCCCACGAGGACCCTGAAGTGAAGTTCAATT
GGTACGTGGACGGCGTGGAAGTGCACAACGCCAAGACCAAGCCCAGAGAGGAACAGTA
CAACTCCACCTACCGGGTGGTGTCTGTGCTGACCGTGCTGCACCAGGACTGGCTGAACGG
CAAAGAGTACAAGTGCAAGGTGTCCAACAAGGCCCTGCCAGCCCCCATCGAAAAGACCA
TCTCCAAGGCCAAGGGCCAGCCCCGGGAACCCCAGGTGTACACACTGCCCCCTAGCAGG
GACGAGCTGACCAAGAACCAGGTGTCCCTGACCTGTCTCGTGAAGGGCTTCTACCCCTCC
GATATCGCCGTGGAATGGGAGTCCAACGGCCAGCCTGAGAACAACTACAAGACCACCCC
CCCTGTGCTGGACAGCGACGGCTCATTCTTTCTGTACTCCAAGCTGACAGTGGACAAGTC
CCGGTGGCAGCAGGGCAACGTGTTCTCCTGCAGCGTGATGCACGAGGCTCTGCACAACC
ACTACACCCAGAAGTCCCTGTCCCTGAGCCCCGGCTGATGAATTC

Figure 4 – SEQ ID No. 4

P75NTR IASTVAGVVTTVMGSSQPVVTRGTTDNLIPVYCSILAAVVVGLVAYIAFKR (SEQ ID 6)

Commercial p75-Fc IASTVAGVVTTVMGIPKVDKKV-EPKSCDKTHTCPPCPAPELLGGPSVFLF (SEQ ID 7)

p75-Fc IASTVAGVVTTVMGIPKVDKKV-EPKSCDKTHTCPPCPAPELLGGPSVFLF (SEQ ID 8)

p75-Fc C222S IASTVAGVVTTVMGIPKVDKKV-EPKS**S**DKTHTCPPCPAPELLGGPSVFLF (SEQ ID 9)

p75-Fc G4x1 IASTVAGVVTTVMG*GGG*------EPKS**S**DKTHTCPPCPAPELLGGPSVFLF (SEQ ID 10)

p75-Fc G4Sx1 IASTVAGVVTTVMG*GGGS*-----EPKS**S**DKTHTCPPCPAPELLGGPSVFLF (SEQ ID 11)

p75-Fc G4Sx2 IASTVAGVVTTVMG*GGGSGGGGS*EPKS**S**DKTHTCPPCPAPELLGGPSVFLF (SEQ ID 12)

Lonza IgG1za ----------NTKVDKKVEPKSCDKTHTCPPCPAPELLGGPSVFLF (SEQ ID 13)

Figure 5 – SEQ ID Nos. 6 to 13

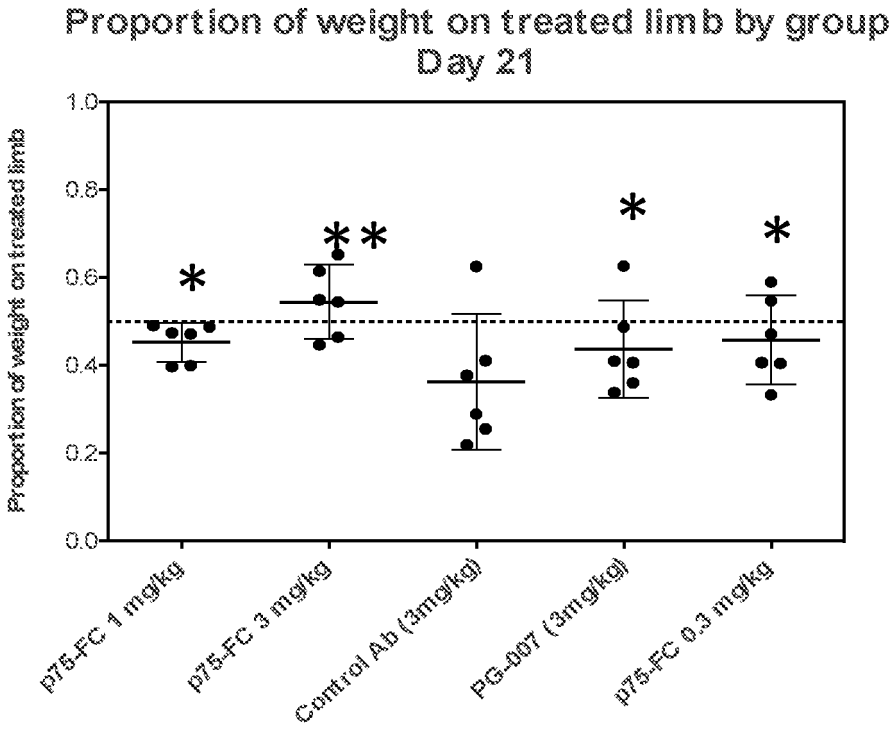

Proportion of weight on treated limb by group
Day 21
Proportion of weight on treated limb
1.0
0.8
0.6
0.4
0.2
0.0
*
**
*
*
p75-FC 1 mg/kg
p75-FC 3 mg/kg
Control Ab (3mg/kg)
PG-007 (3mg/kg)
p75-FC 0.3 mg/kg

Figure 6

KEACPTGLYTHSGECCKACNLGEGVAQPCGANQTVCEPCLDSVTFSDVVSATEPCKPCTECVGLQSMSAPCVEAD
DAVCRCAYGYYQDETTGRCEACRVCEAGSGLVFSCQDKQNTVCEECPDGTYSDEANHVDPCLPCTVCEDTERQLR
ECTRWADAECEEIPGRWITRSTPPEGGGG*EPKSSDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVV*
VDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISK
AKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKS
RWQQGNVFSCSVMHEALHNHYTQKSLSLSPG

Figure 7 – SEQ ID NO. 15