FIG. 1

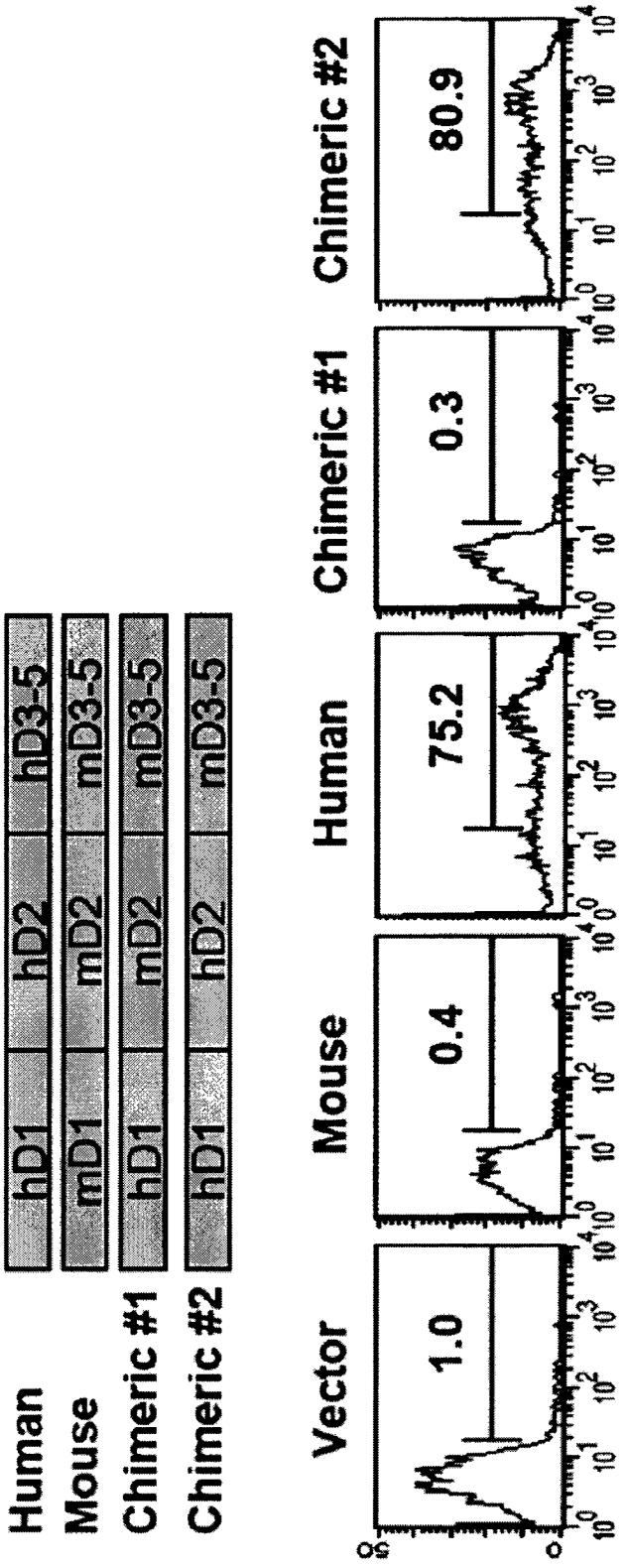

Human
Mouse
Chimeric #1
Chimeric #2
hD1
hD2
hD3-5
mD1
mD2
mD3-5
Vector
Mouse
Human
Chimeric #1
Chimeric #2
1.0
0.4
75.2
0.3
80.9

FIG. 2

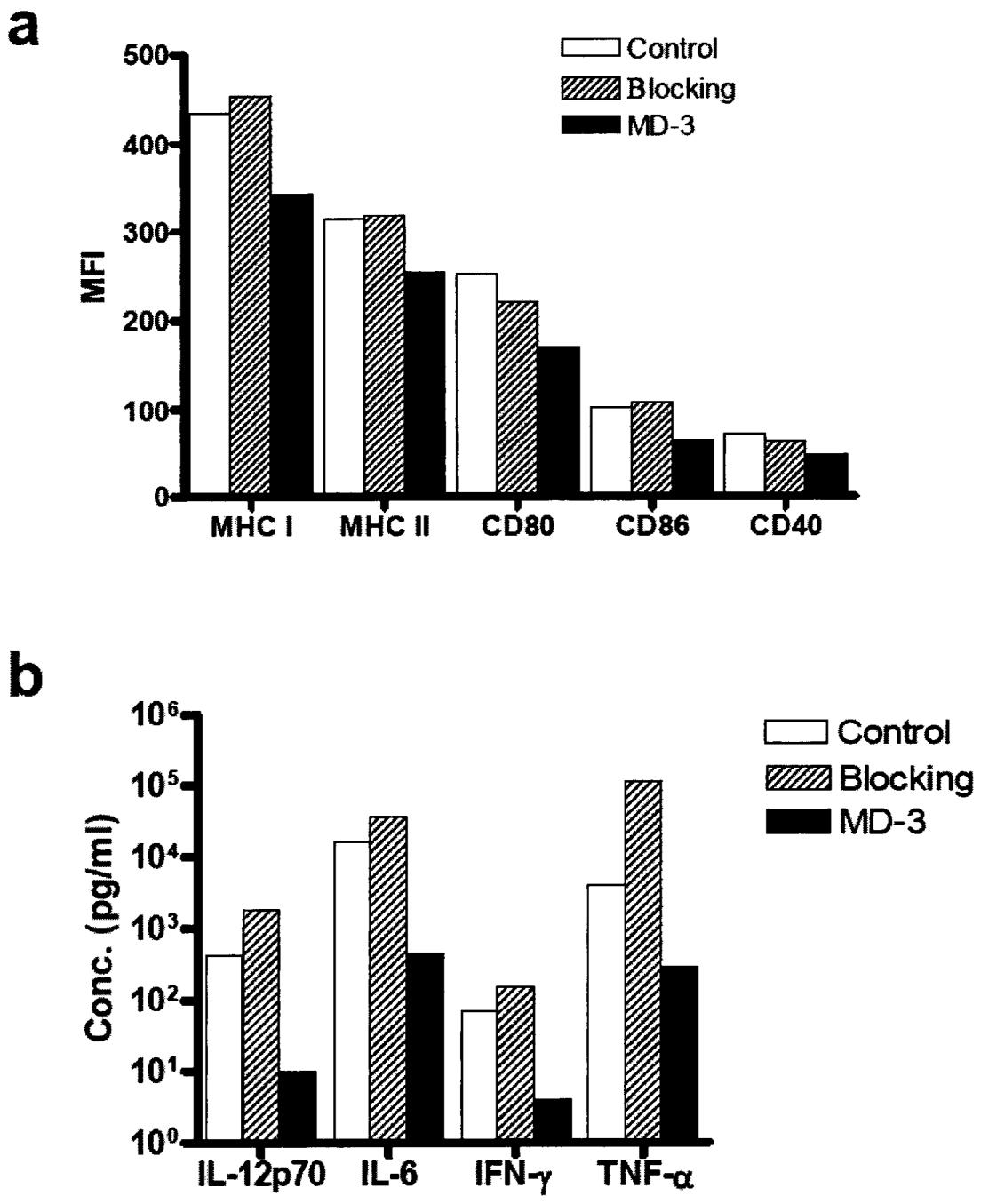
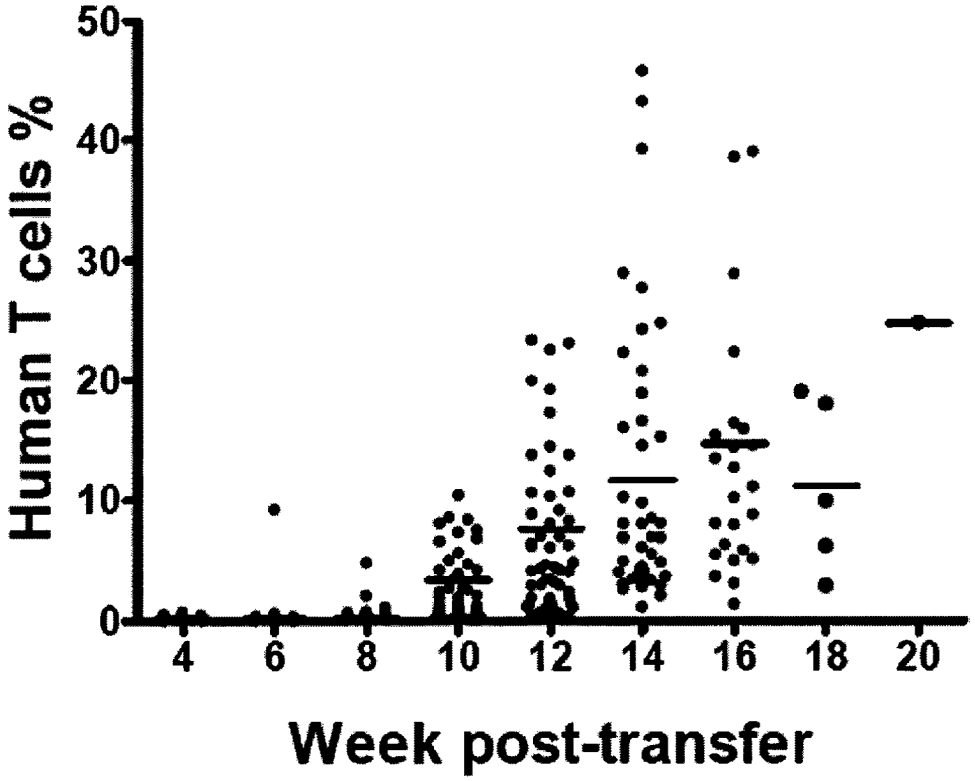

a
Control
Blocking
MD-3
MFI
500
400
300
200
100
0
MHC I
MHC II
CD80
CD86
CD40
b
Control
Blocking
MD-3
Conc. (pg/ml)
10^6
10^5
10^4
10^3
10^2
10^1
10^0
IL-12p70
IL-6
IFN-γ
TNF-α

**FIG. 3A**


Human T cells %
50
40
30
20
10
0
4
6
8
10
12
14
16
18
20
Week post-transfer

5

FIG. 3B

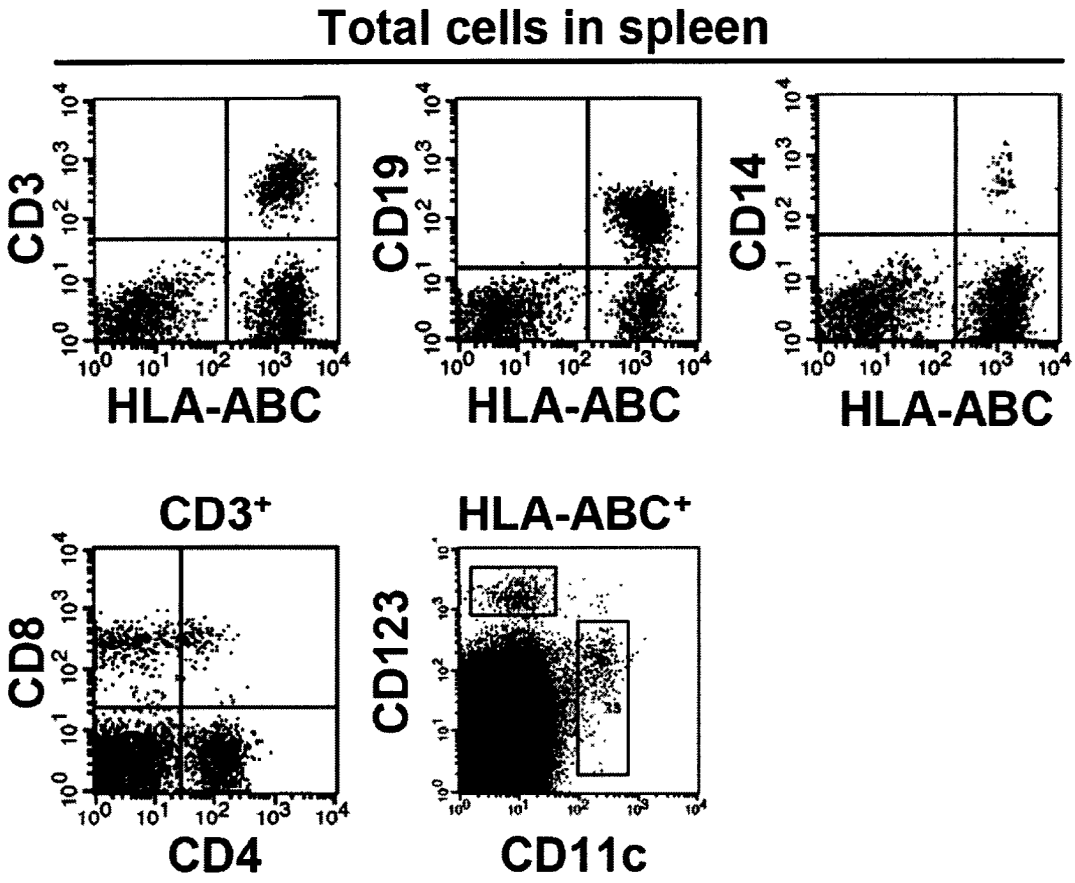
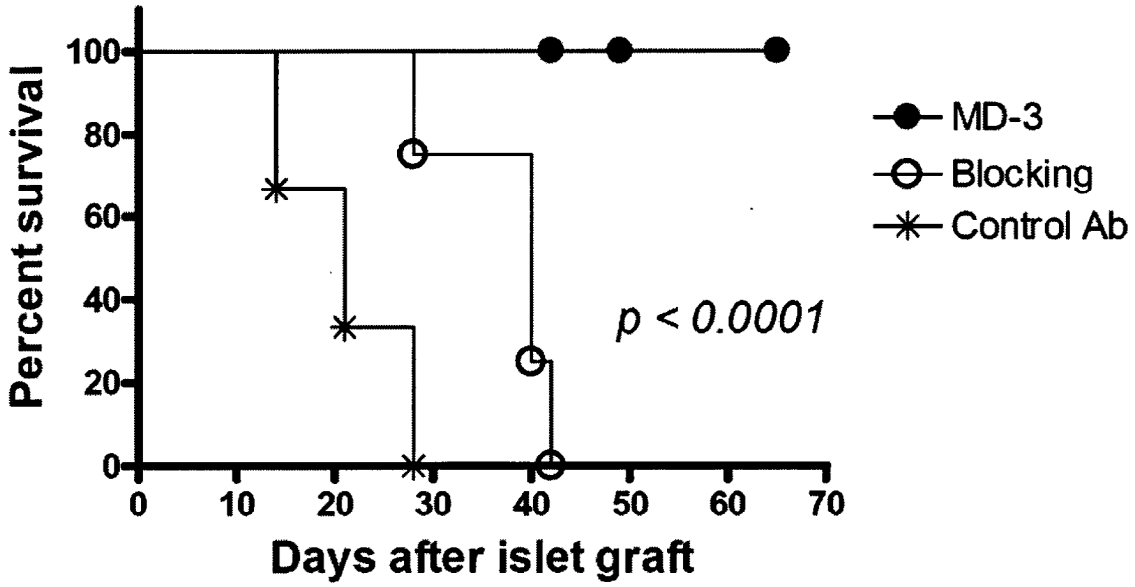

Total cells in spleen
CD3
HLA-ABC
CD19
HLA-ABC
CD14
HLA-ABC
CD3+
CD8
CD4
HLA-ABC+
CD123
CD11c

**FIG. 4**


Percent survival
100
80
60
40
20
0
0
10
20
30
40
50
60
70
Days after islet graft
p < 0.0001
MD-3
Blocking
Control Ab

5

# FIG. 5

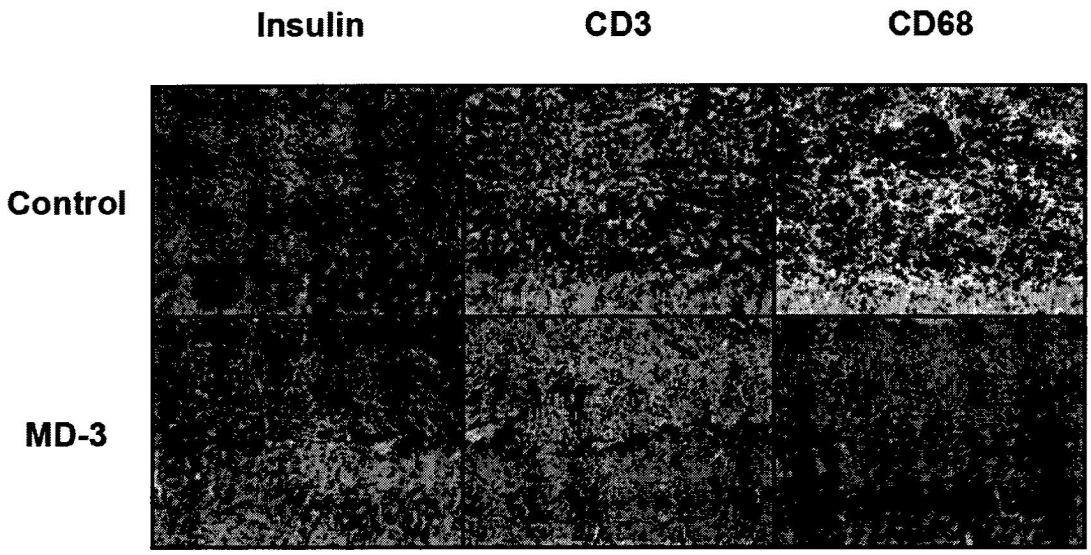
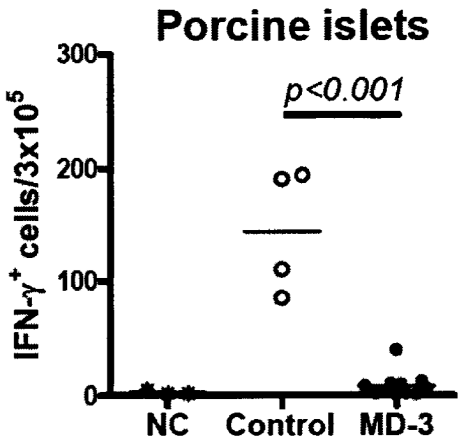
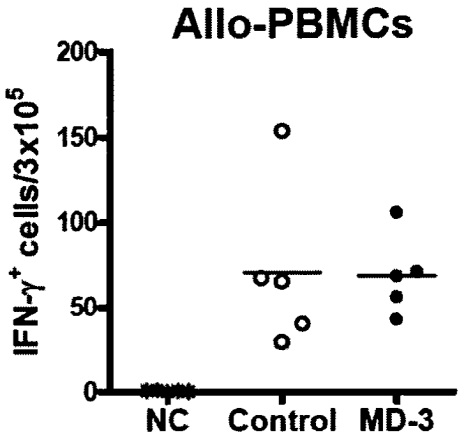
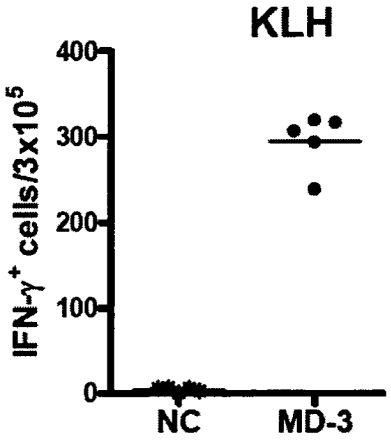


FIG. 6


Porcine islets
p<0.001
IFN-γ+ cells/3x10^5
300
200
100
0
NC
Control
MD-3


Allo-PBMCs
IFN-γ+ cells/3x10^5
200
150
100
50
0
NC
Control
MD-3


KLH
IFN-γ+ cells/3x10^5
400
300
200
100
0
NC
MD-3