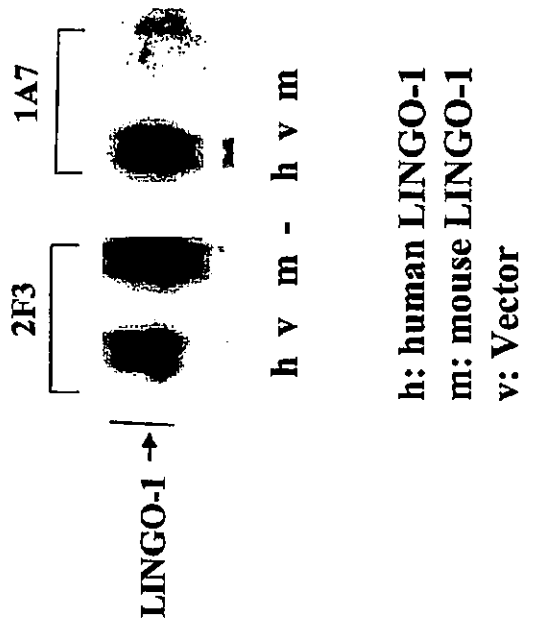


FIG. 1

FACS data of human LINGO-1 transfected 293 cells

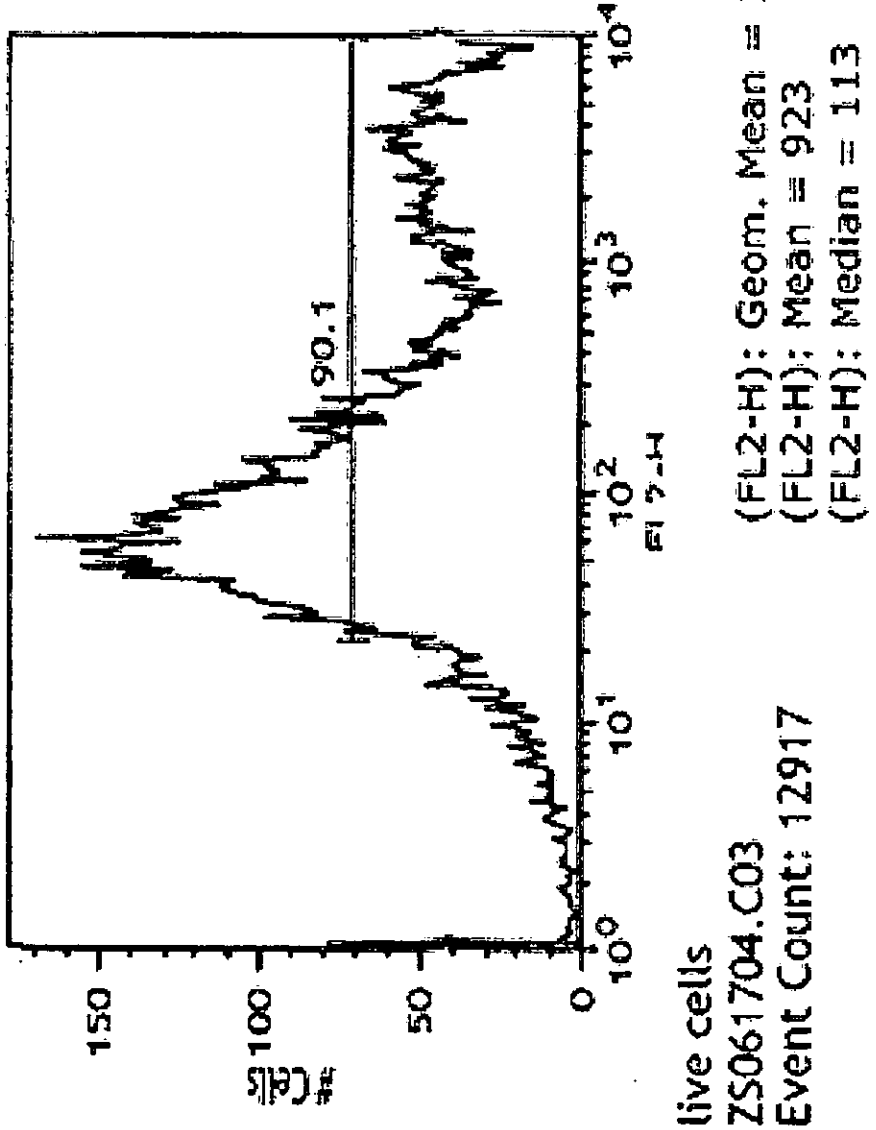


Fig 2A

FACS data of human LINGO-1 transfected 293 cells

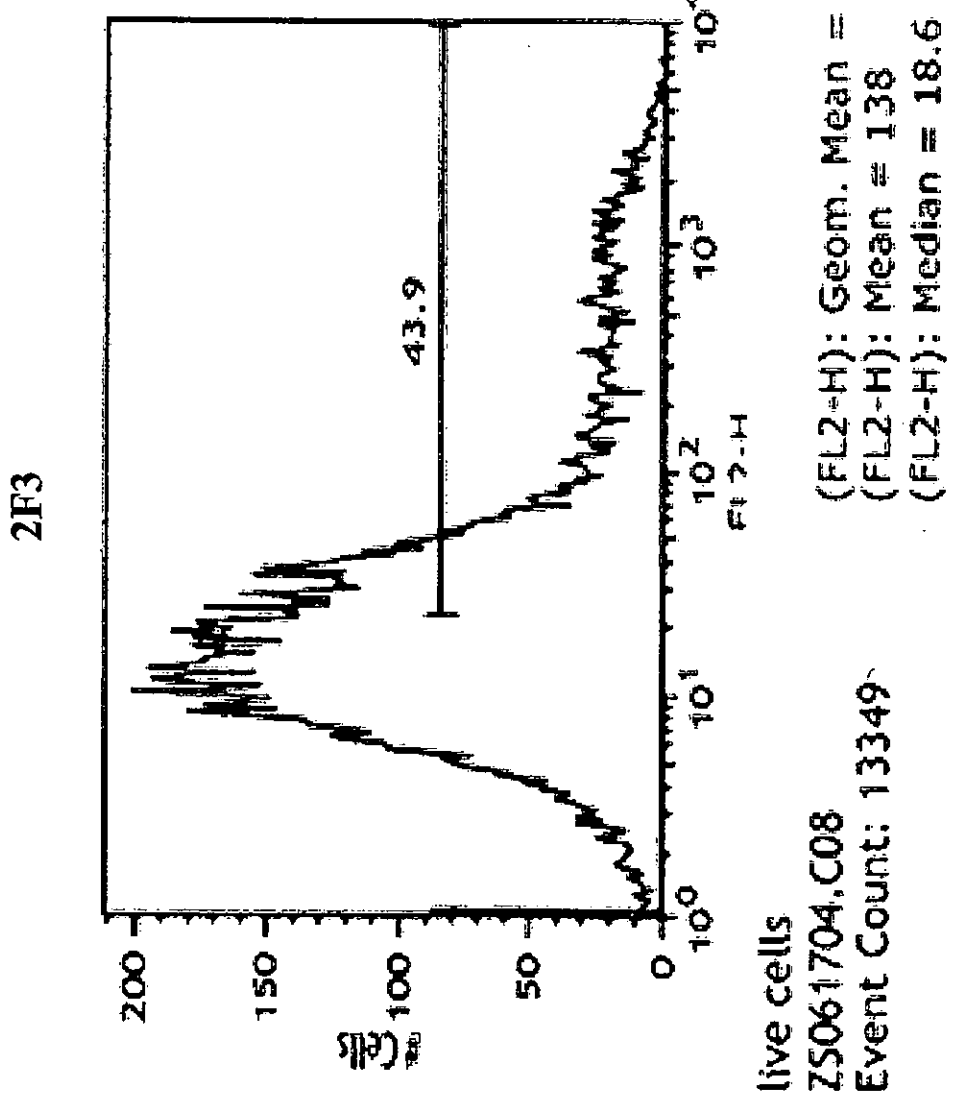


Fig 2B

FACS data of human LINGO-1 transfected 293 cells

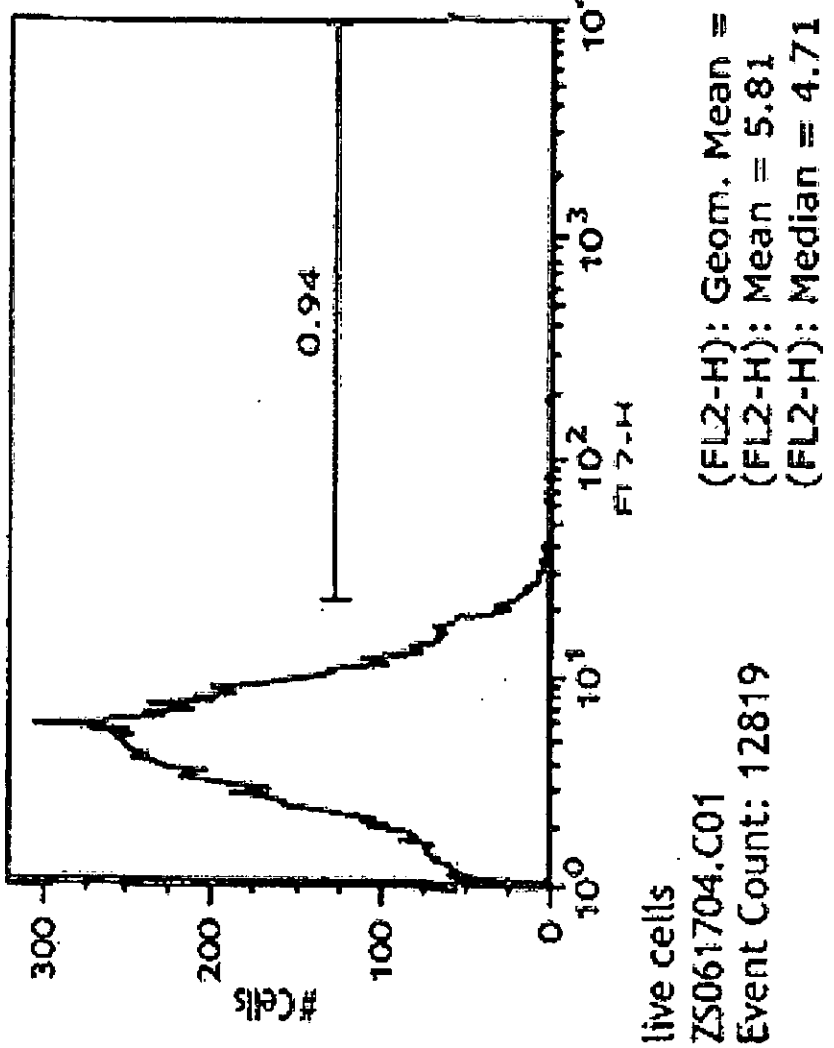


Fig 2C

FACS data of human LINGO-1 transfected 293 cells

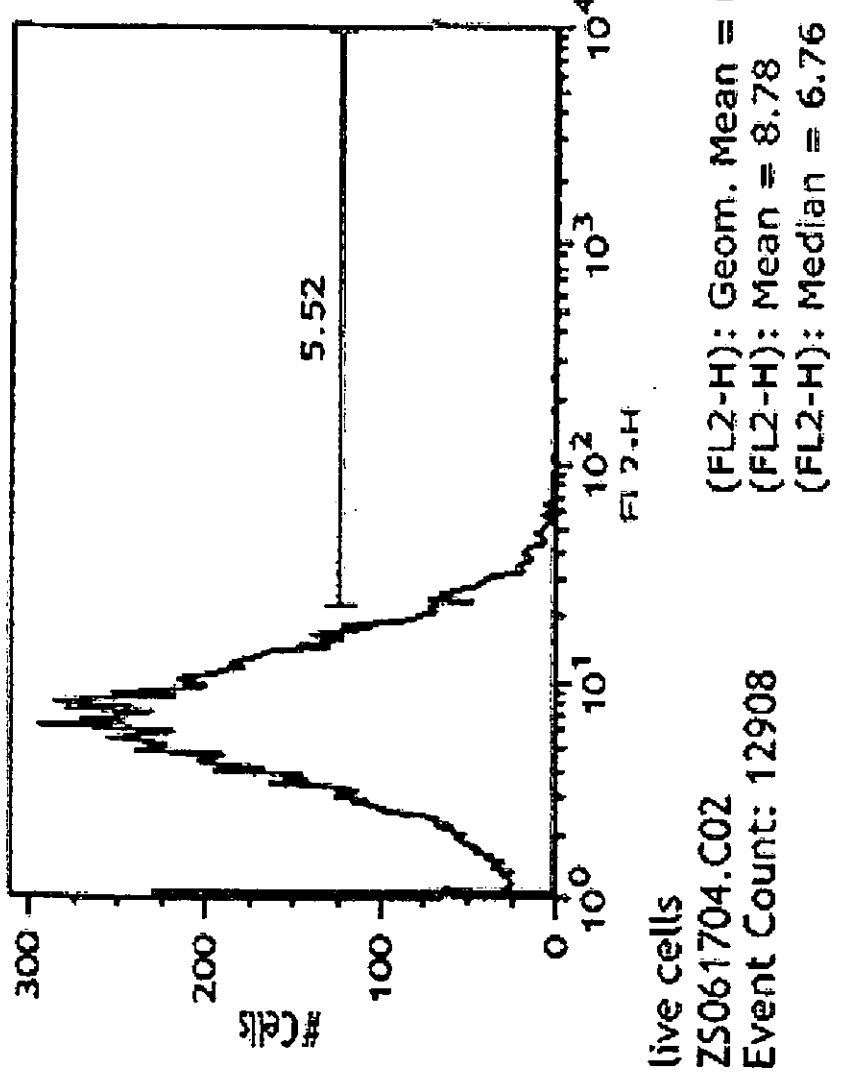
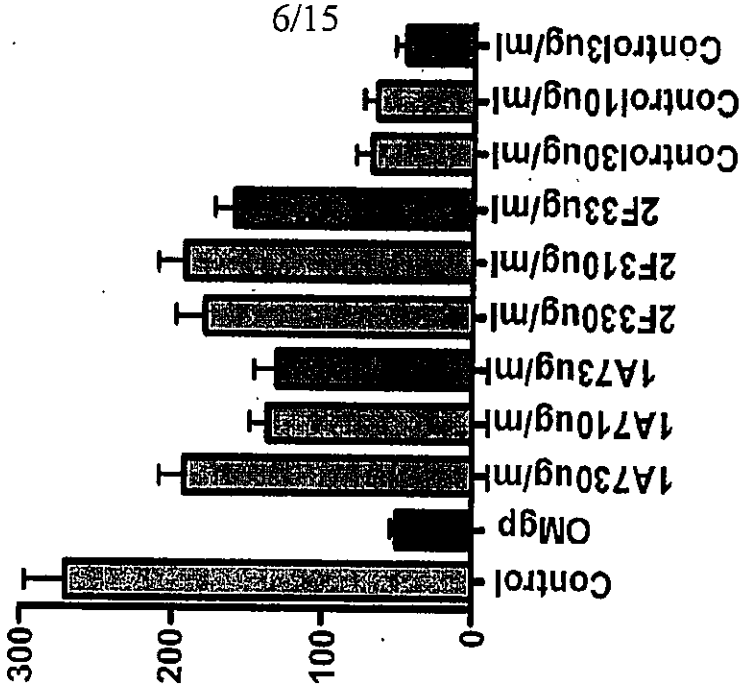


Fig 2D

1A7 and 2F3 Promote CGN and DRG Neurite out Growth



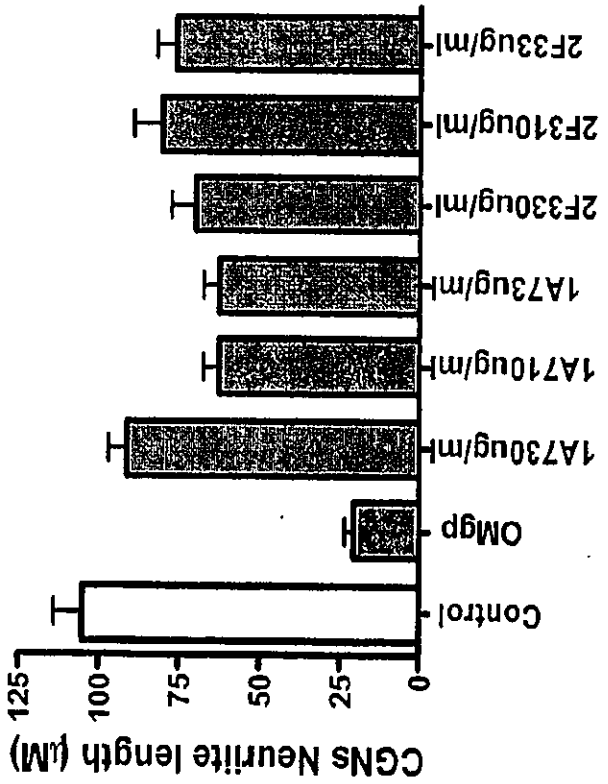


Fig 3

FIG. 4: Anti-LINGO-1 mAbs Promote Myelination in Co-culture

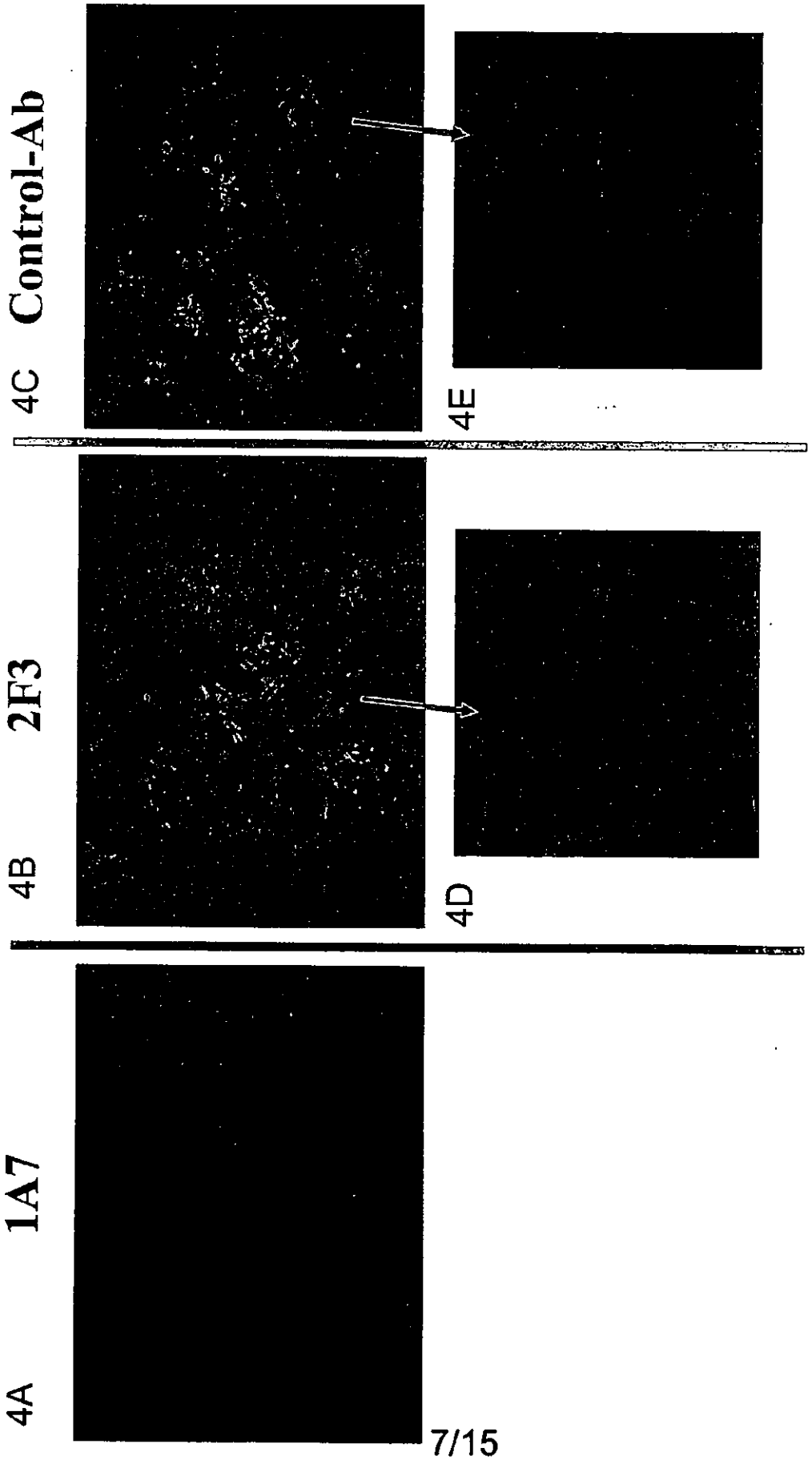


FIG. 4: Anti-LINGO-1 Antibodies Promote Myelination in Co-culture

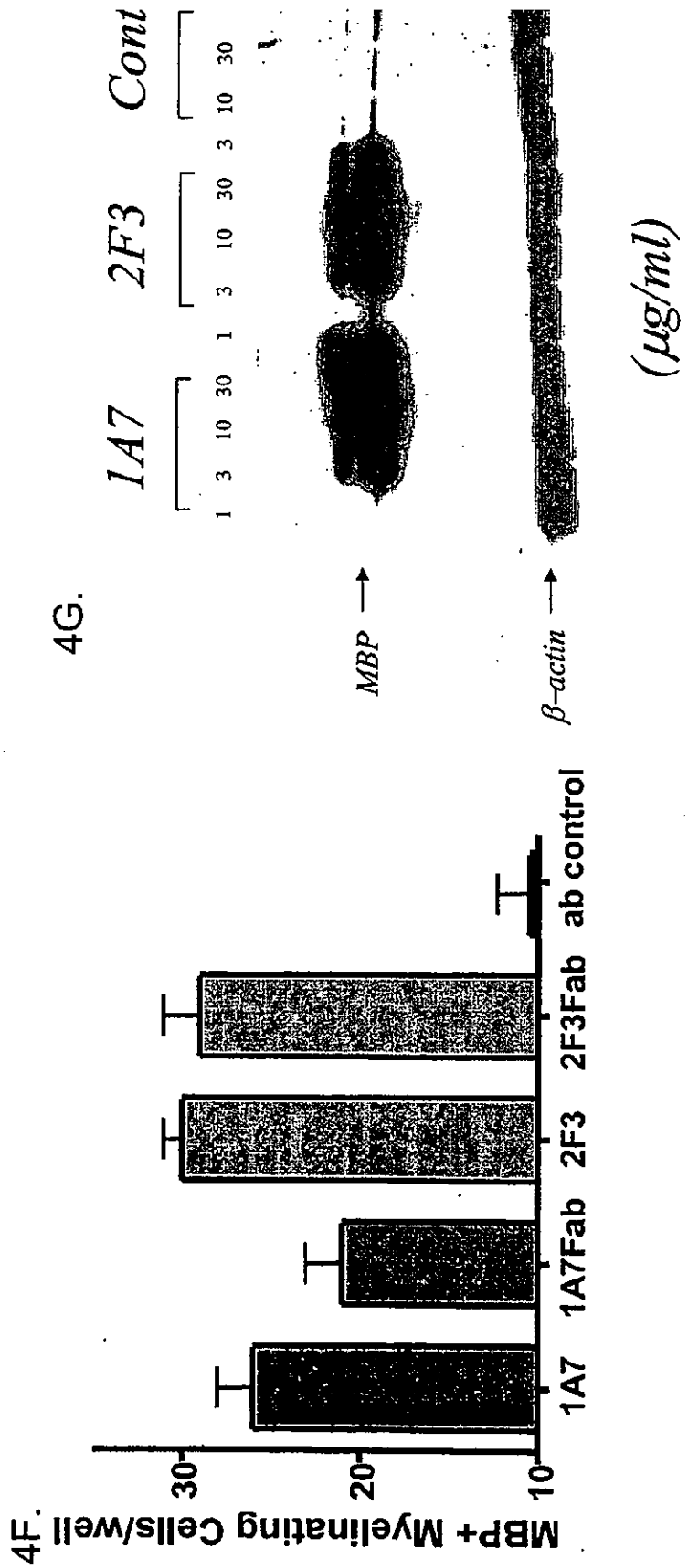
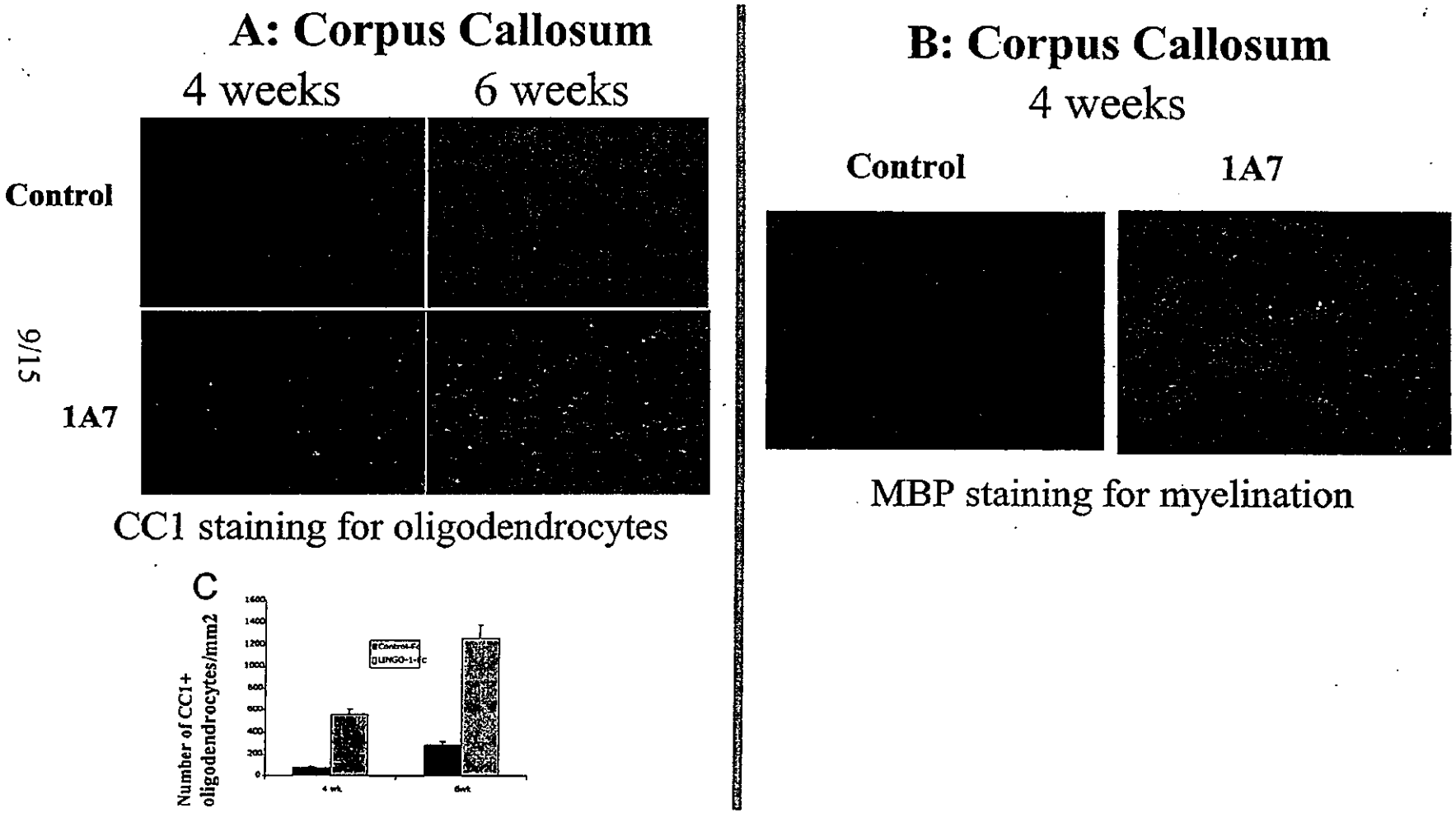


FIG. 5: 1A7 Promotes Oligodendrocyte Survival and Remyelination in Cuprizone Model



1A7 Promotes RGC Neurons Survival

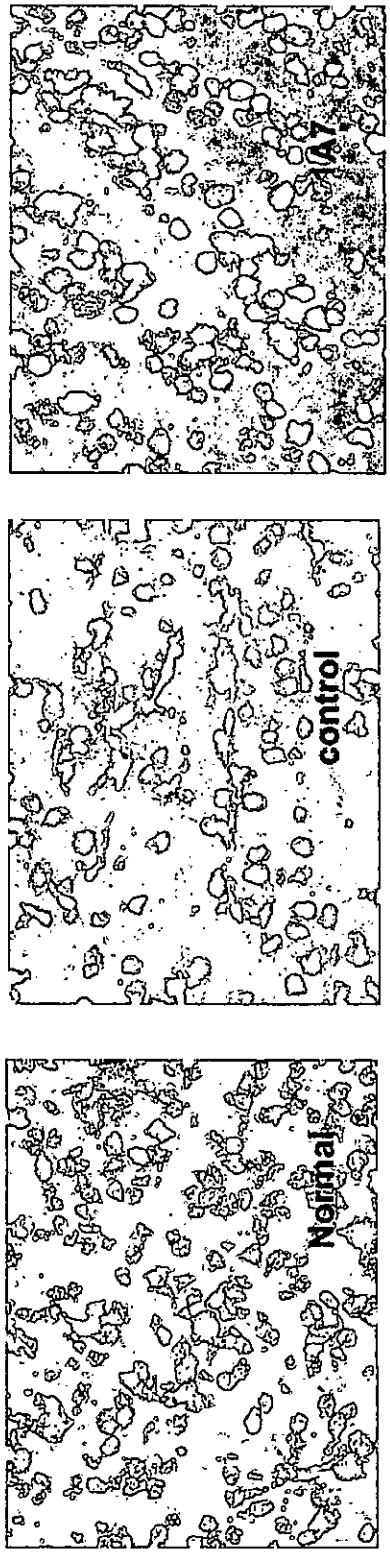


Fig 6

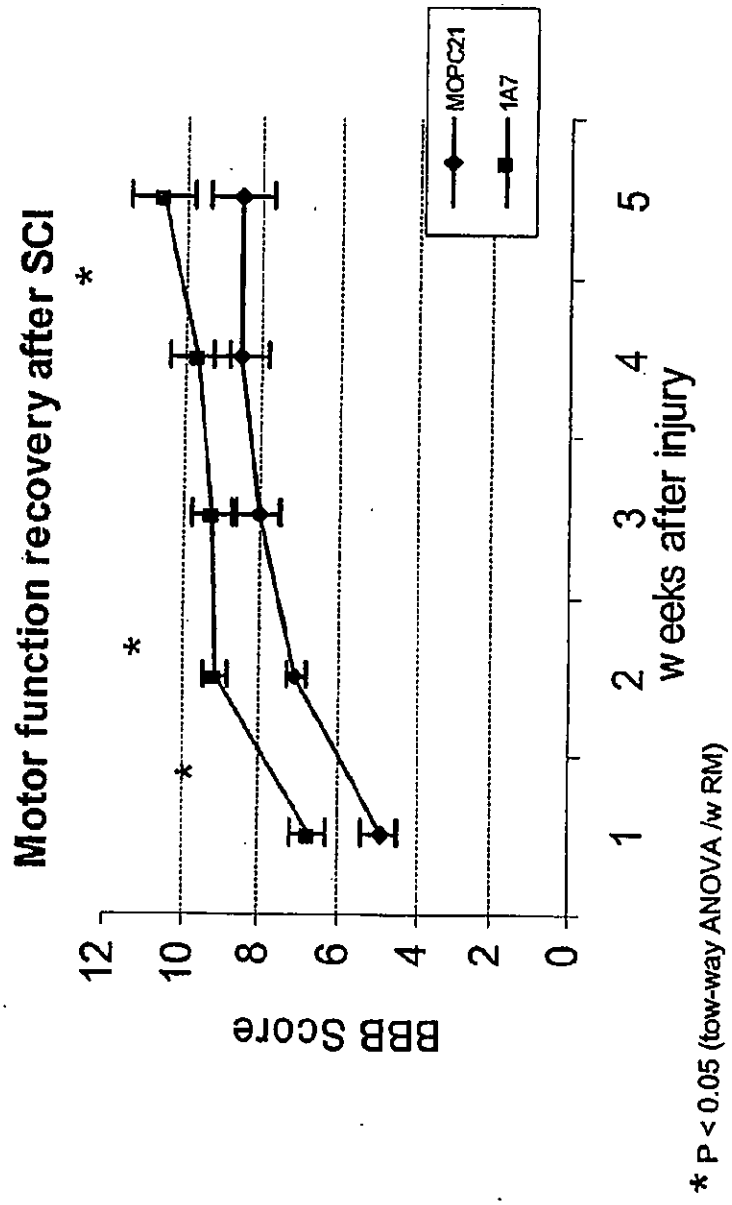

Motor function recovery after SCI
BBB Score
12
10
8
6
4
2
0
1
2
3
4
5
w eeks after injury
MOPC21
1A7
*
*
*
* P < 0.05 (tow-way ANOVA /w RM)

Fig 7

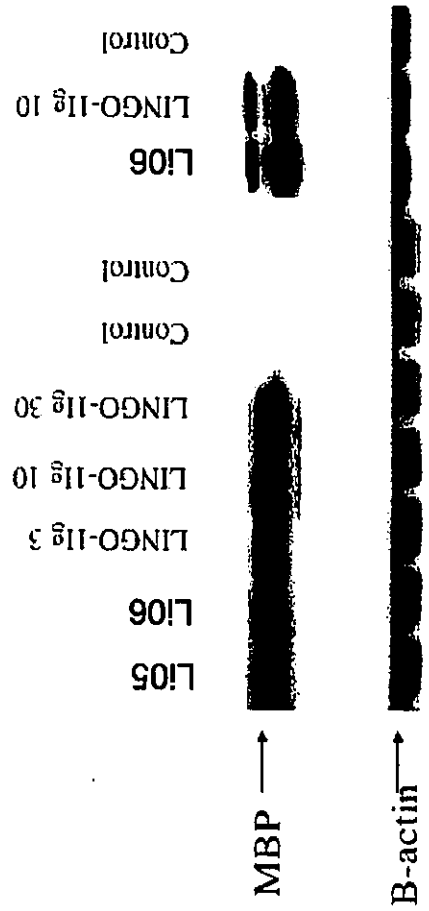

MBP
B-actin
Li05
Li06
LINGO-1Ig 3
LINGO-1Ig 10
LINGO-1Ig 30
Control
Control
Li06
LINGO-1Ig 10
Control

Fig 8

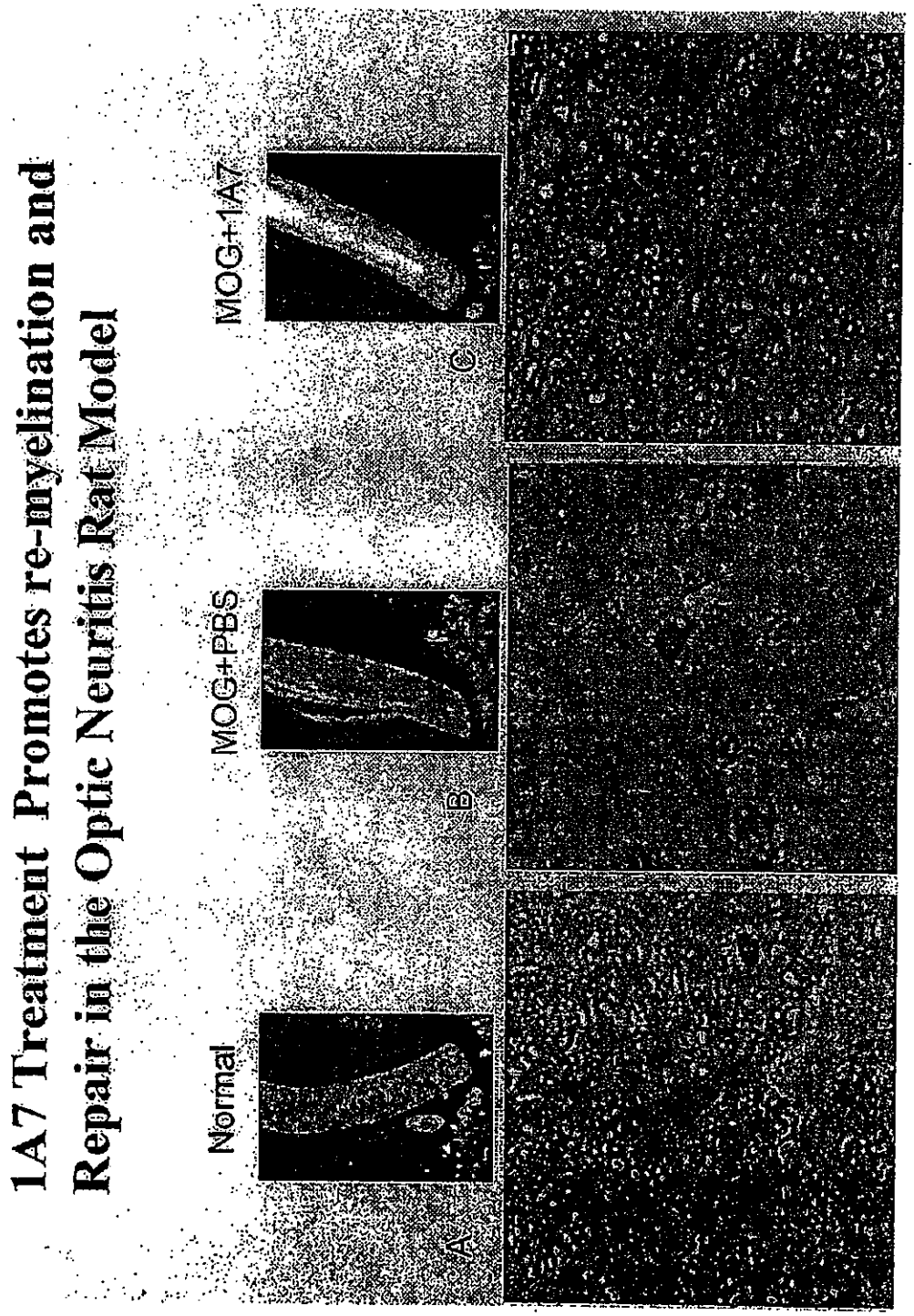

1A7 Treatment Promotes re-myelination and Repair in the Optic Neuritis Rat Model
Normal
MOG+PBS
MOG+1A7
A
B
C
0602-86.vsd/1

FIG. 9

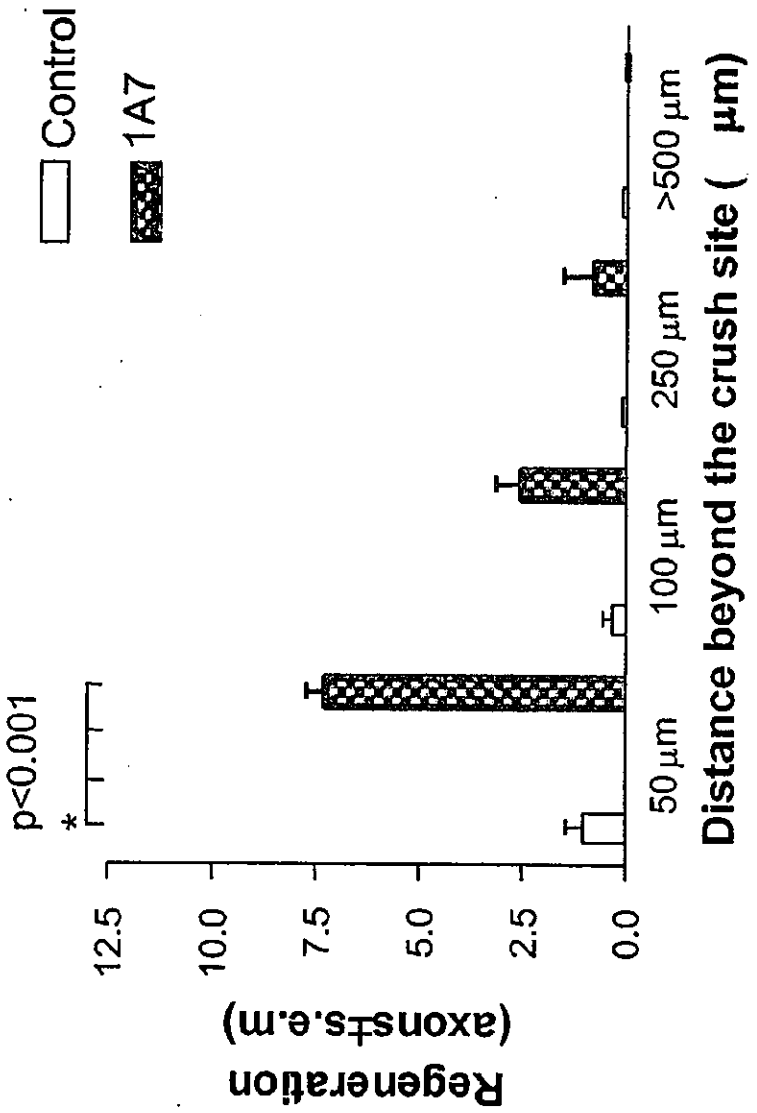

Control
1A7
p<0.001
*
12.5
10.0
7.5
5.0
2.5
0.0
Regeneration
(axons±s.e.m)
50 µm
100 µm
250 µm
>500 µm
Distance beyond the crush site (µm)

Fig. 10

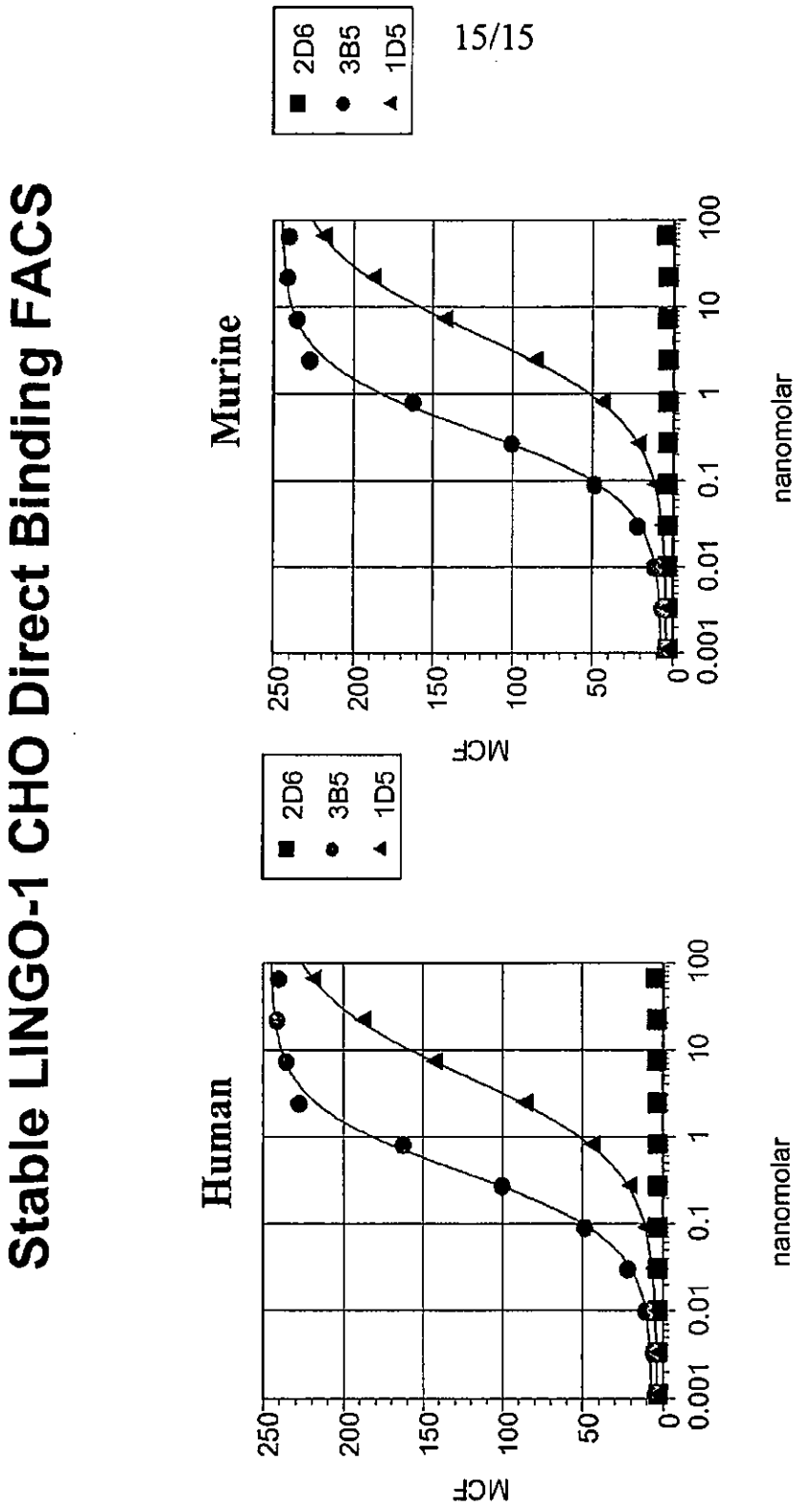

Stable LINGO-1 CHO Direct Binding FACS
Human
Murine
2D6
3B5
1D5
MCF
250
200
150
100
50
0
0.001
0.01
0.1
1
10
100
nanomolar

Fig. 11