Fig 1

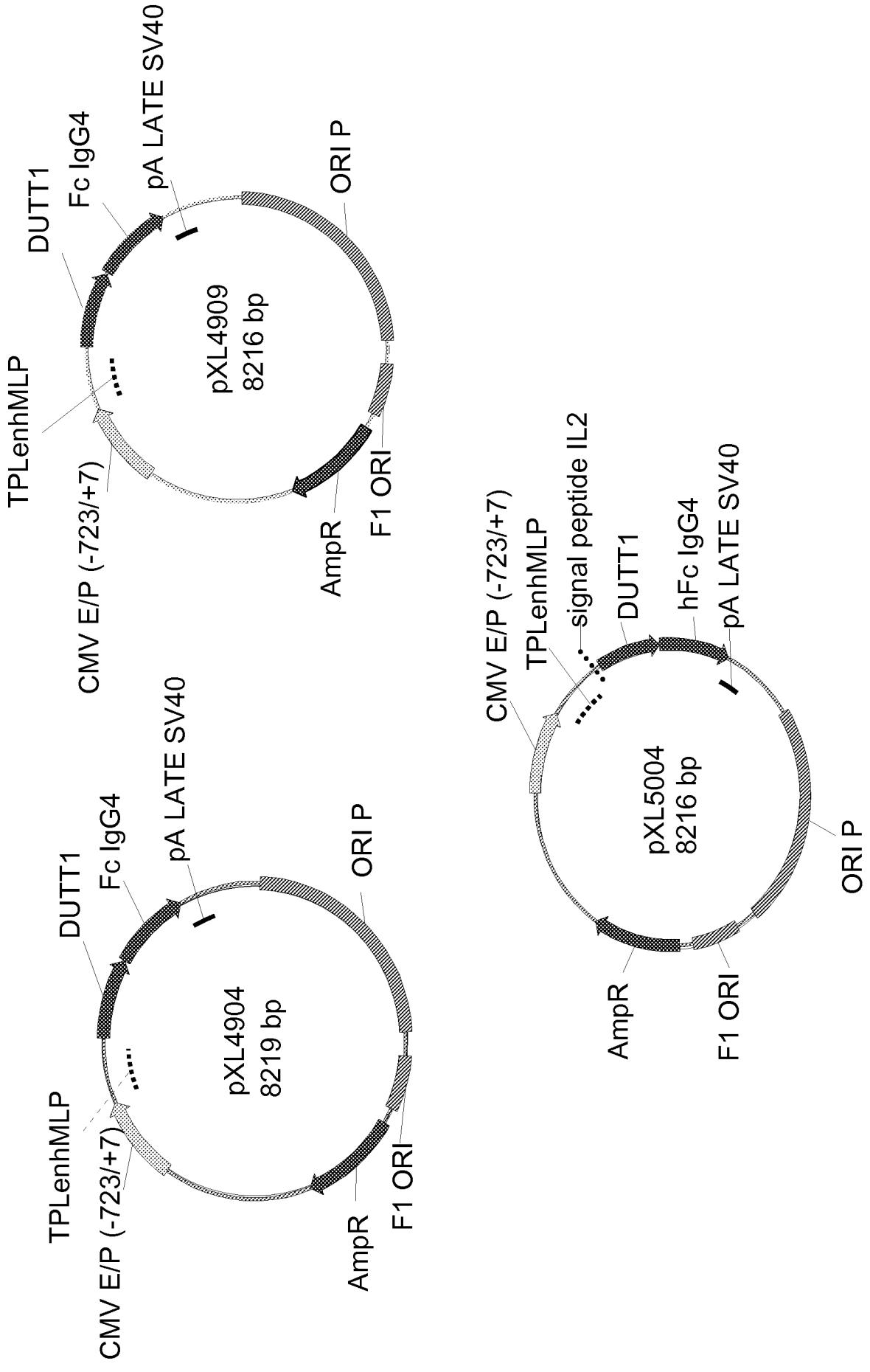

pXL4909
8216 bp
CMV E/P (-723/+7)
TPLenhMLP
DUTT1
Fc IgG4
pA LATE SV40
ORI P
AmpR
F1 ORI
pXL4904
8219 bp
CMV E/P (-723/+7)
TPLenhMLP
DUTT1
Fc IgG4
pA LATE SV40
ORI P
AmpR
F1 ORI
pXL5004
8216 bp
CMV E/P (-723/+7)
TPLenhMLP
signal peptide IL2
DUTT1
hFc IgG4
pA LATE SV40
ORI P
AmpR
F1 ORI

Fig 2

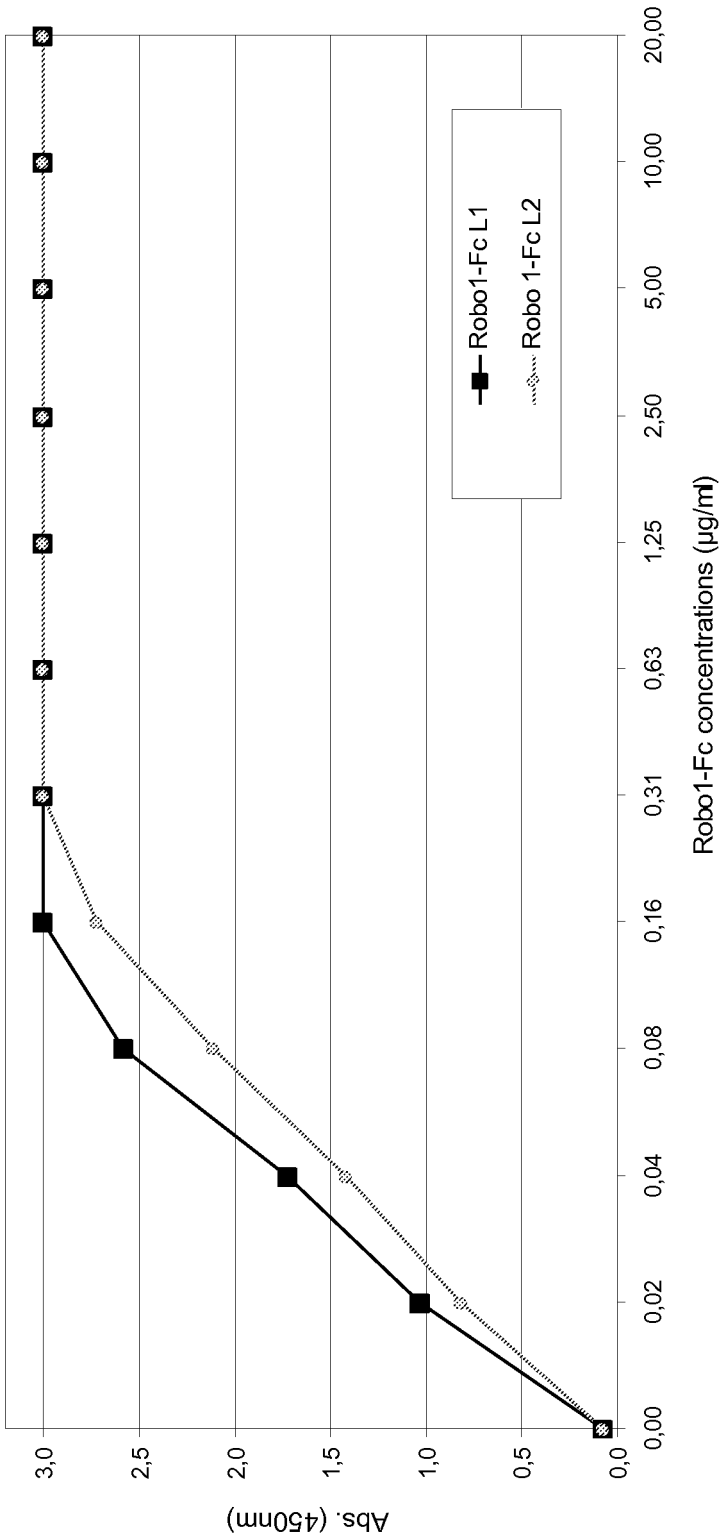

Abs. (450nm)
3,0
2,5
2,0
1,5
1,0
0,5
0,0
0,00
0,02
0,04
0,08
0,16
0,31
0,63
1,25
2,50
5,00
10,00
20,00
Robo1-Fc concentrations (µg/ml)
Robo1-Fc L1
Robo 1-Fc L2

Fig 3

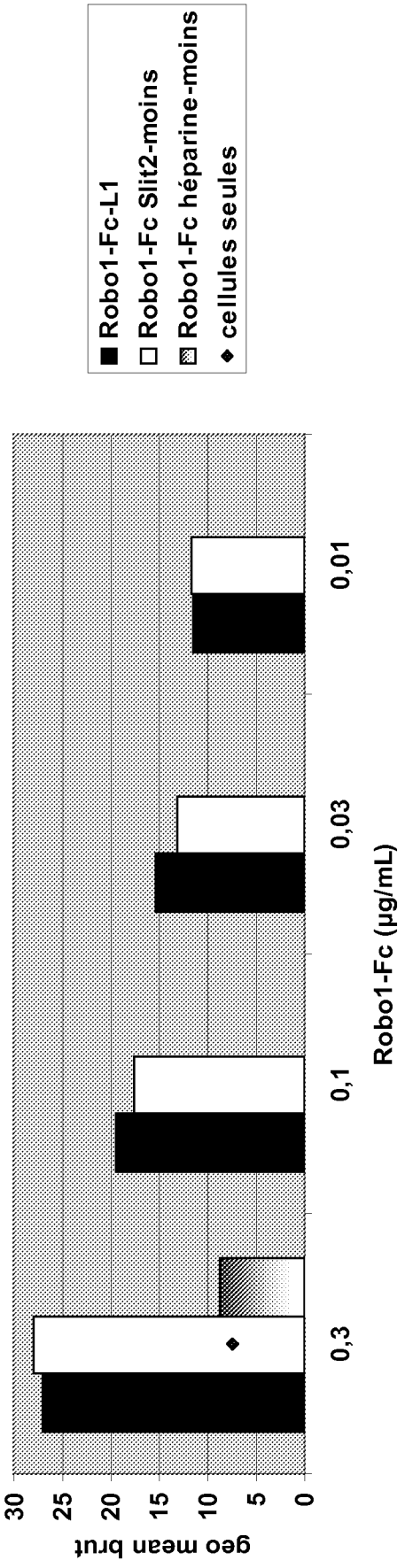

Robo1-Fc-L1
Robo1-Fc Slit2-moins
Robo1-Fc héparine-moins
cellules seules
geo mean brut
0
5
10
15
20
25
30
0,3
0,1
0,03
0,01
Robo1-Fc (µg/mL)

Fig 4

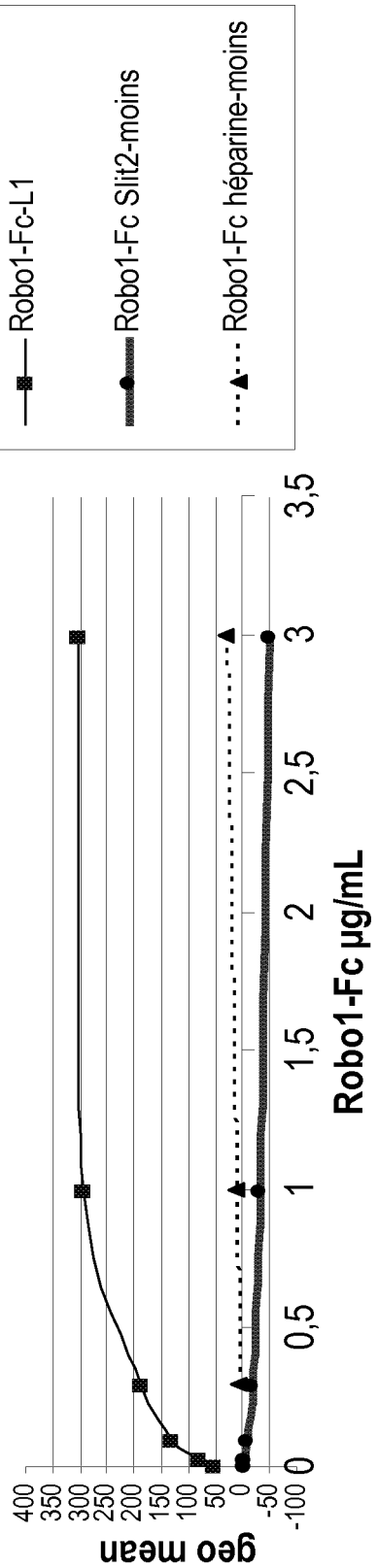

Robo1-Fc-L1
Robo1-Fc Slit2-moins
Robo1-Fc héparine-moins
geo mean
400
350
300
250
200
150
100
50
0
-50
-100
0
0,5
1
1,5
2
2,5
3
3,5
Robo1-Fc µg/mL

Fig 5-A

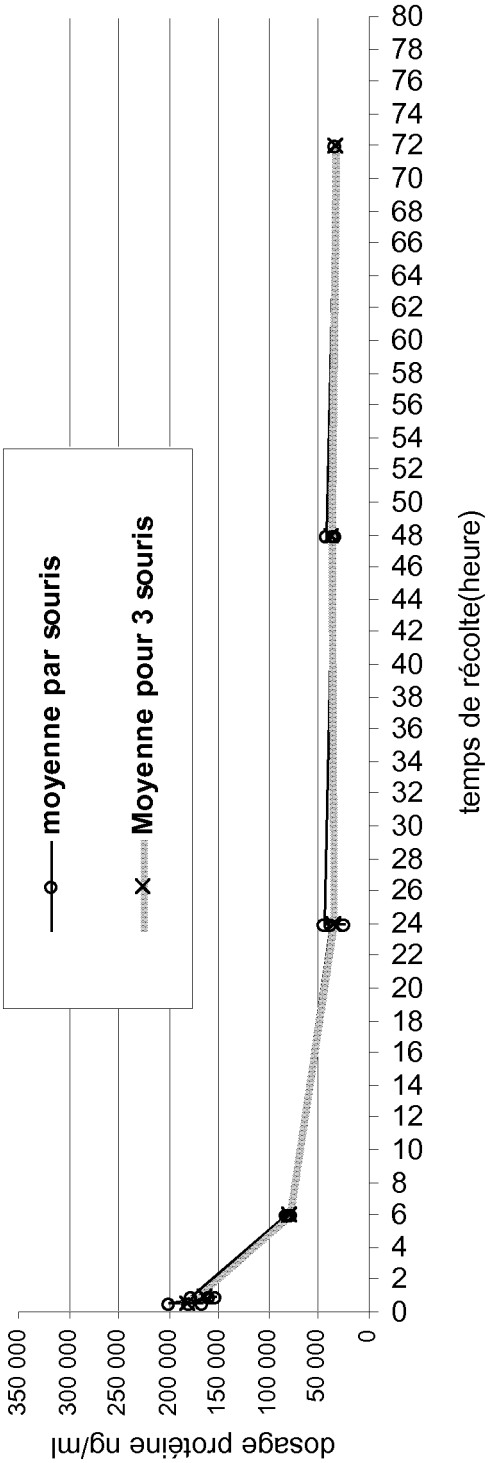

moyenne par souris
Moyenne pour 3 souris
dosage protéine ng/ml
350 000
300 000
250 000
200 000
150 000
100 000
50 000
0
temps de récolte(heure)
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
60
62
64
66
68
70
72
74
76
78
80

Fig 5-B

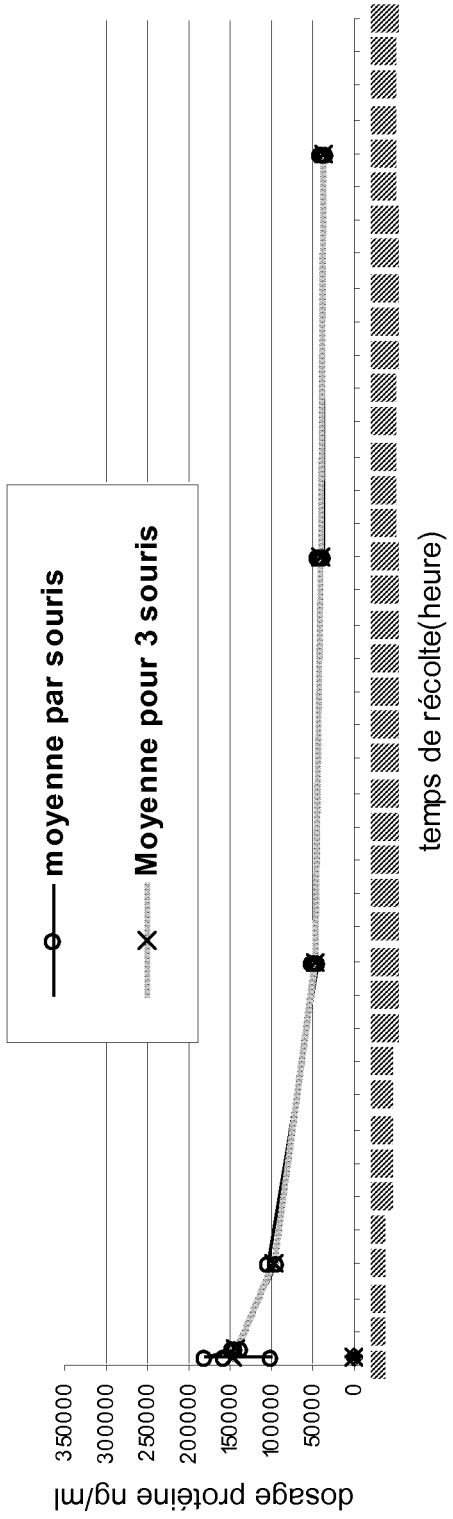

moyenne par souris
Moyenne pour 3 souris
dosage protéine ng/ml
350000
300000
250000
200000
150000
100000
50000
0
temps de récolte(heure)

Fig 6-A

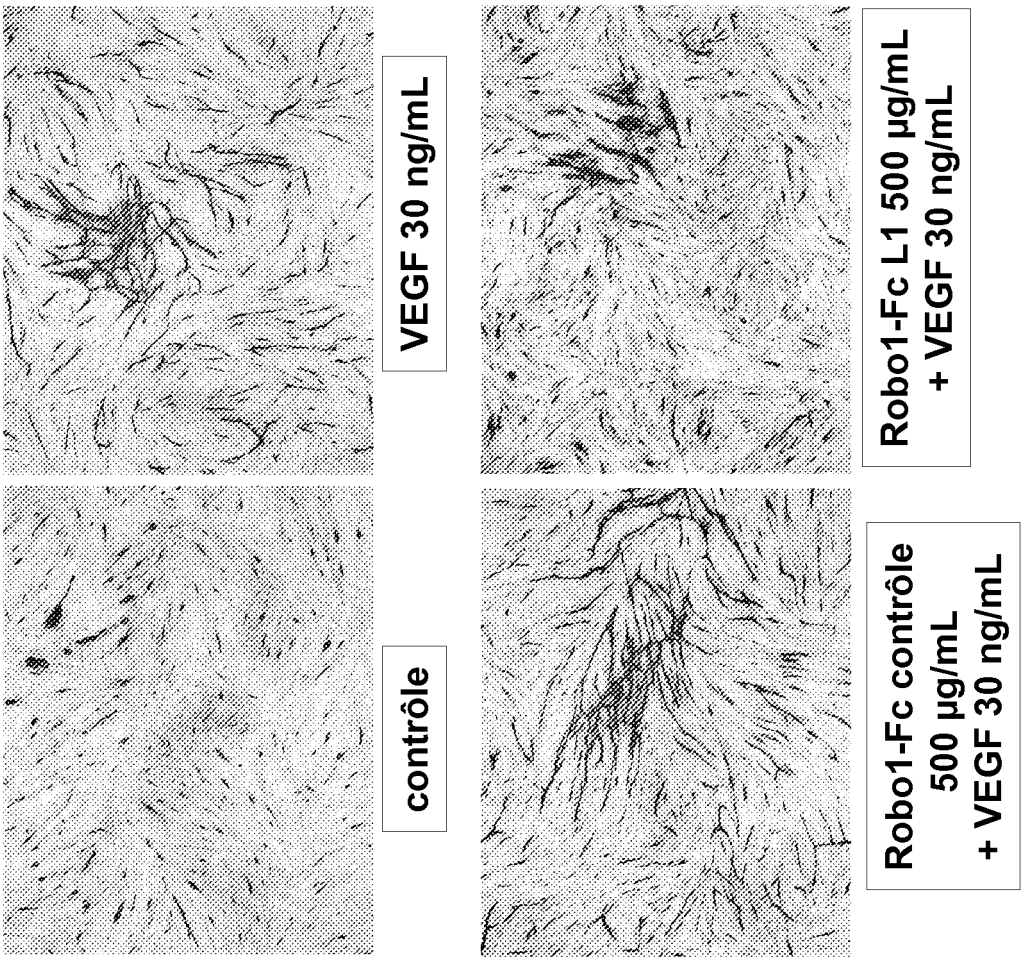

contrôle
VEGF 30 ng/mL
Robo1-Fc contrôle
500 µg/mL
+ VEGF 30 ng/mL
Robo1-Fc L1 500 µg/mL
+ VEGF 30 ng/mL

Fig 6-B

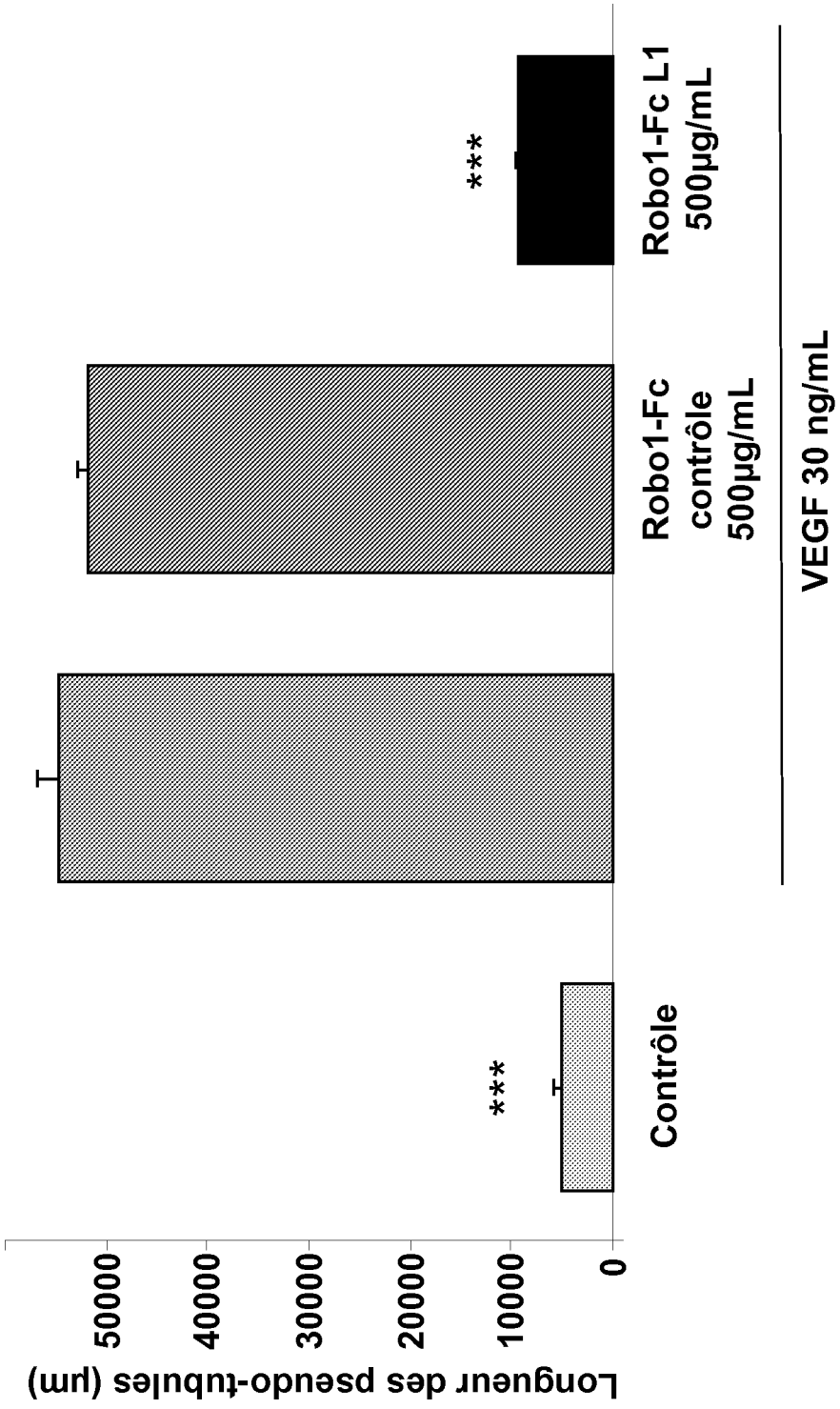
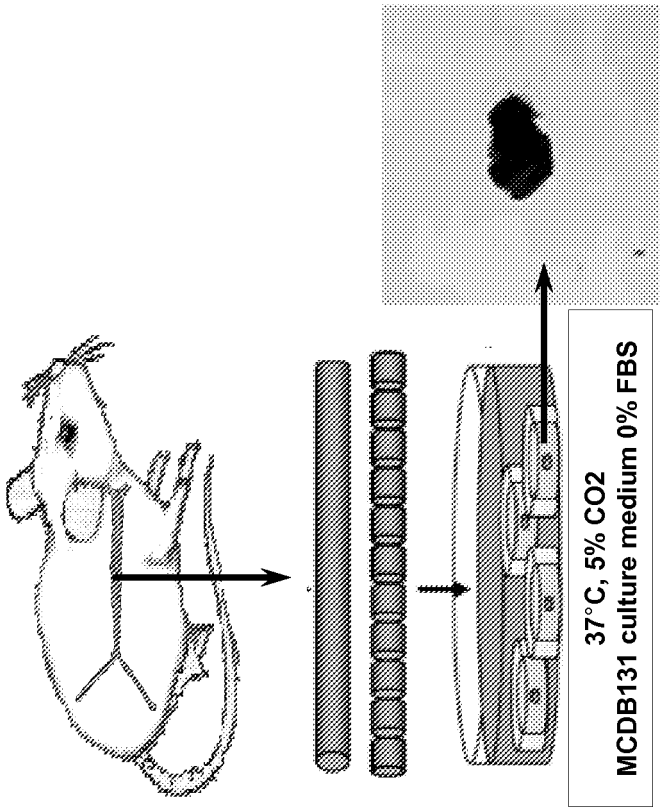

Longueur des pseudo-tubules (µm)
0
10000
20000
30000
40000
50000
***
Contrôle
Robo1-Fc contrôle 500µg/mL
***
Robo1-Fc L1 500µg/mL
VEGF 30 ng/mL

Fig 7-A


37°C, 5% CO2
MCDB131 culture medium 0% FBS

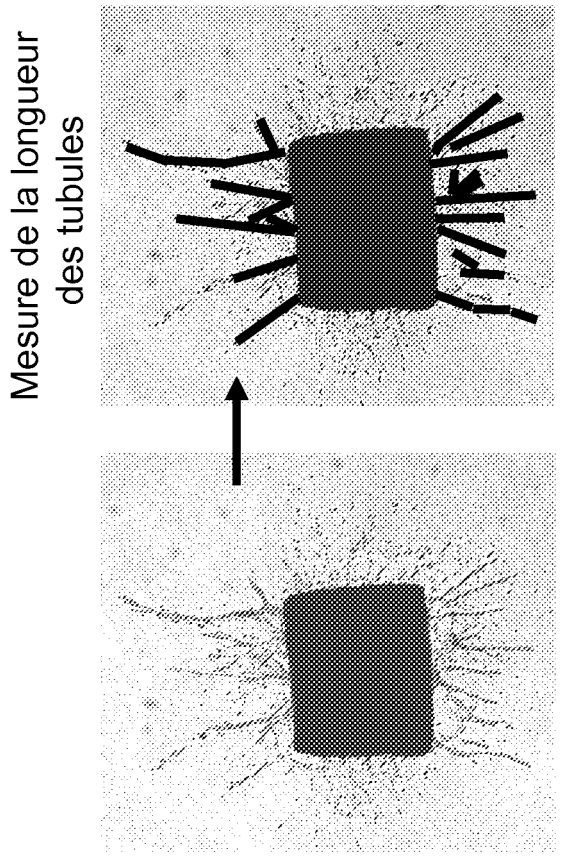
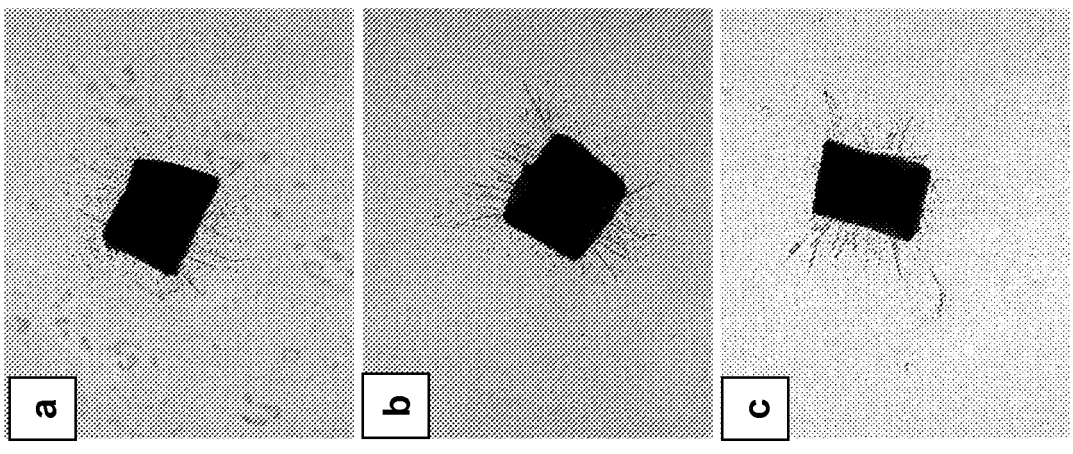
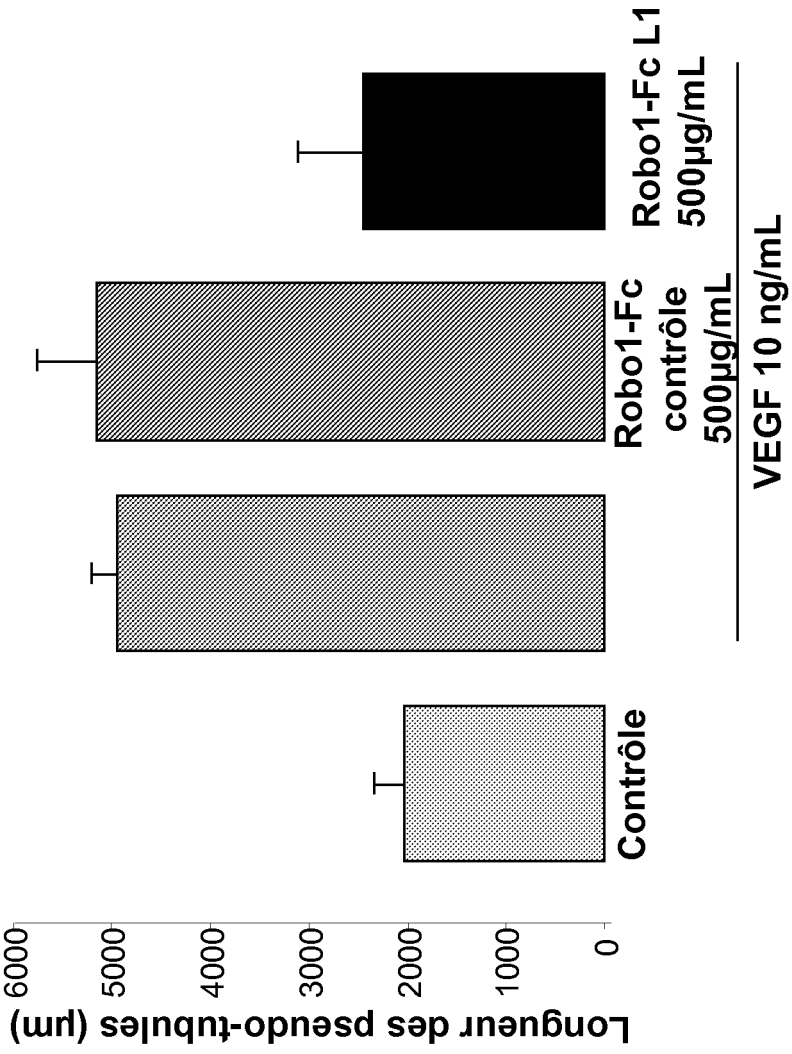

Mesure de la longueur des tubules

Fig 7-B


a
b
c


Longueur des pseudo-tubules (µm)
6000
5000
4000
3000
2000
1000
0
Contrôle
Robo1-Fc contrôle 500µg/mL
Robo1-Fc L1 500µg/mL
VEGF 10 ng/mL