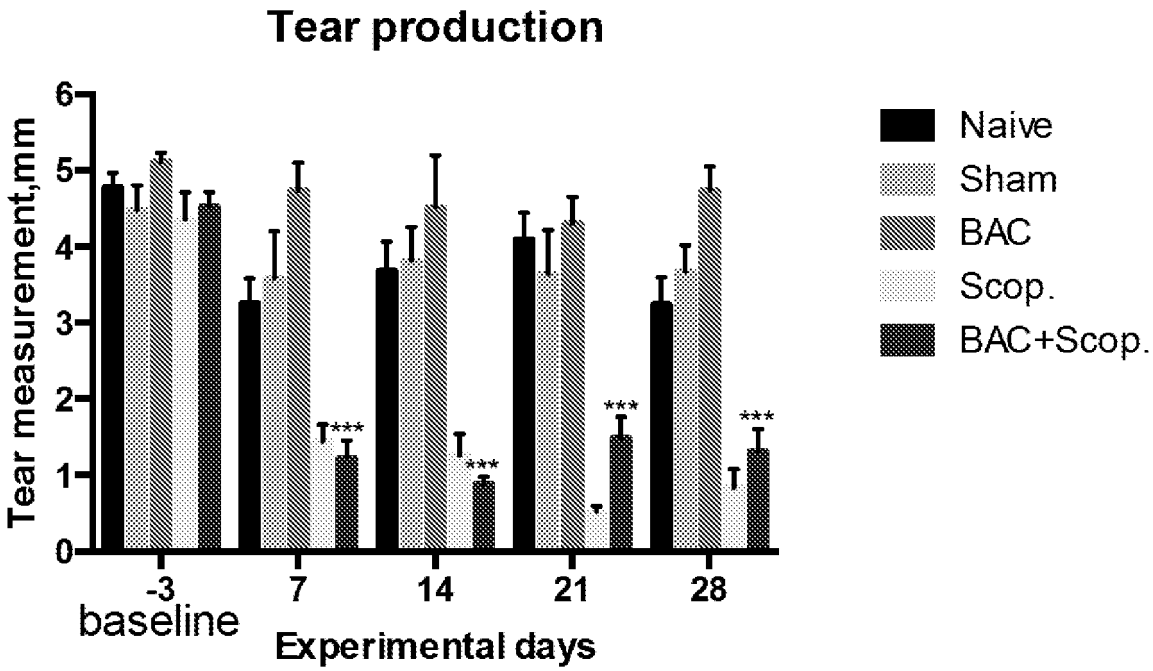

Tear production
Tear measurement,mm
0
1
2
3
4
5
6
-3
baseline
7
14
21
28
Experimental days
***
***
***
***
Naive
Sham
BAC
Scop.
BAC+Scop.

FIG. 1A

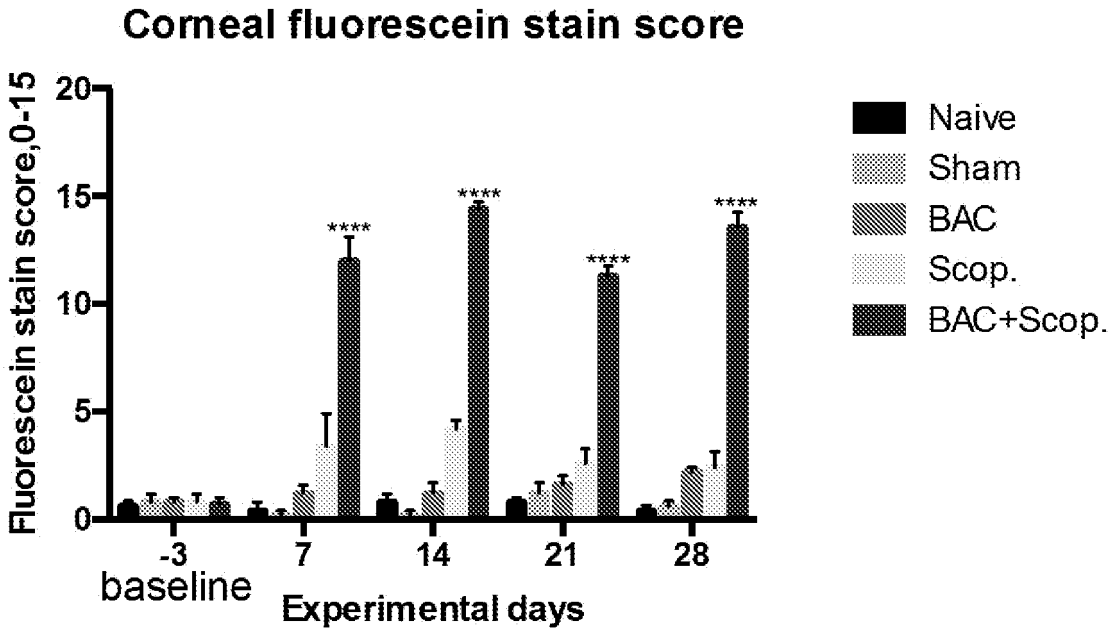

Corneal fluorescein stain score
Fluorescein stain score,0-15
20
15
10
5
0
****
****
****
****
-3
baseline
7
14
21
28
Experimental days
Naive
Sham
BAC
Scop.
BAC+Scop.

FIG. 1B

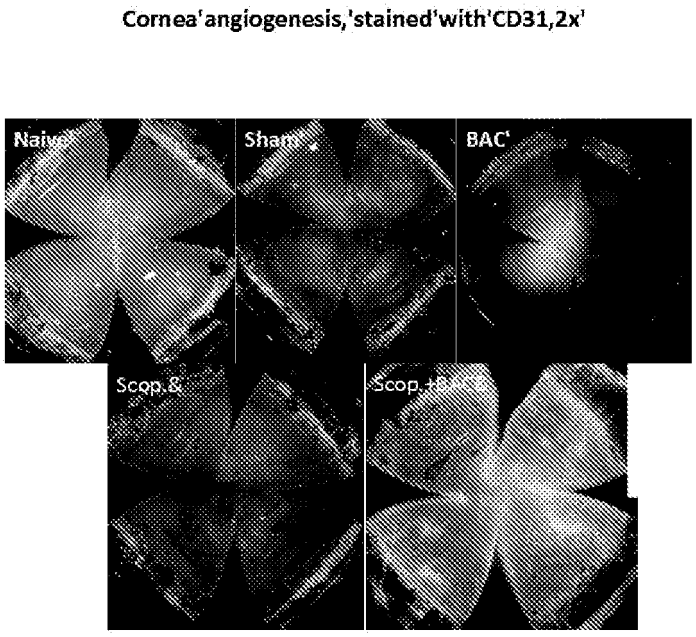

Cornea'angiogenesis,'stained'with'CD31,2x'
Naive
Sham
BAC
Scop.
Scop.+BAC

FIG. 2A

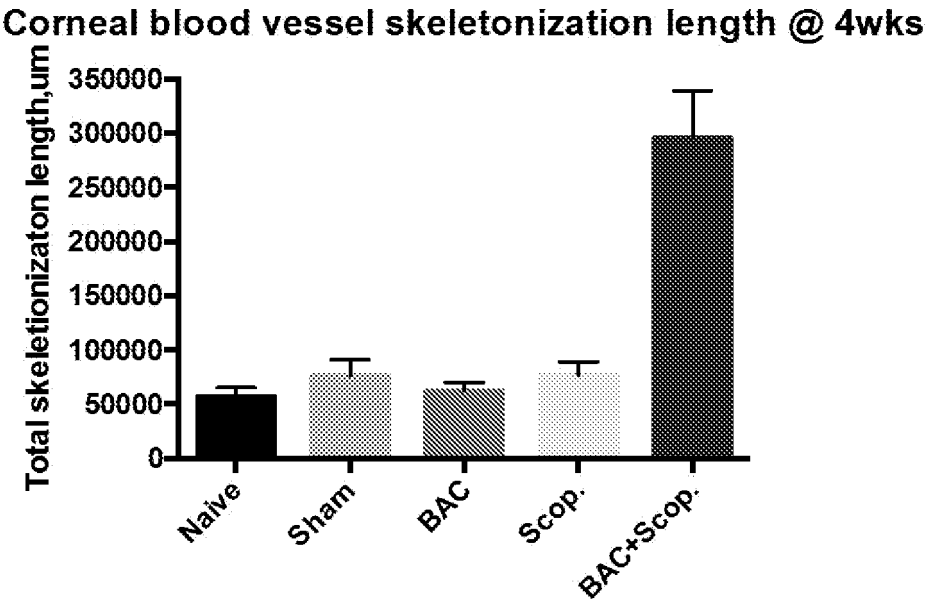

Corneal blood vessel skeletonization length @ 4wks
Total skeletionizaton length,um
350000
300000
250000
200000
150000
100000
50000
0
Naive
Sham
BAC
Scop.
BAC+Scop.

FIG. 2B

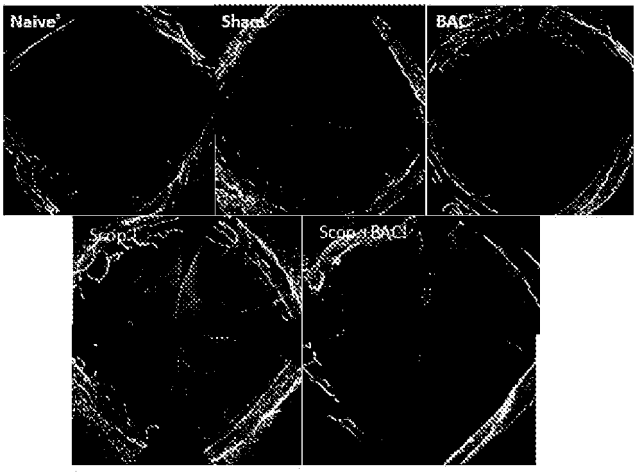


FIG. 2C

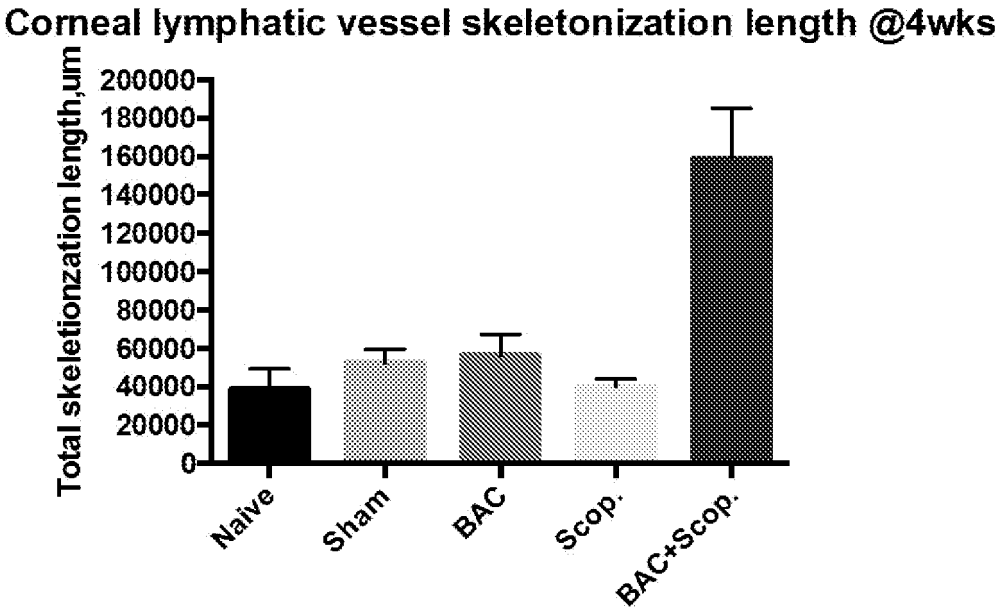

Corneal lymphatic vessel skeletonization length @4wks
Total skeletionzation length,um
200000
180000
160000
140000
120000
100000
80000
60000
40000
20000
0
Naive
Sham
BAC
Scop.
BAC+Scop.

FIG. 2D

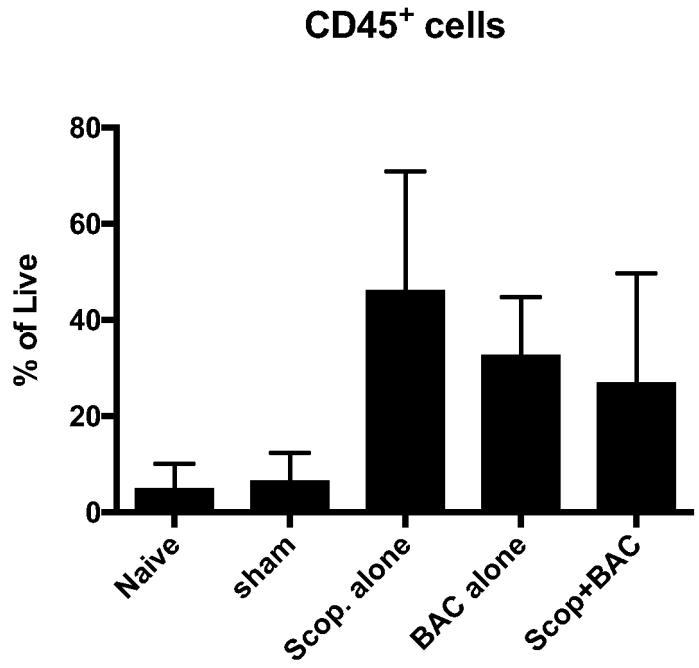

CD45+ cells
% of Live
80
60
40
20
0
Naive
sham
Scop. alone
BAC alone
Scop+BAC

FIG. 3