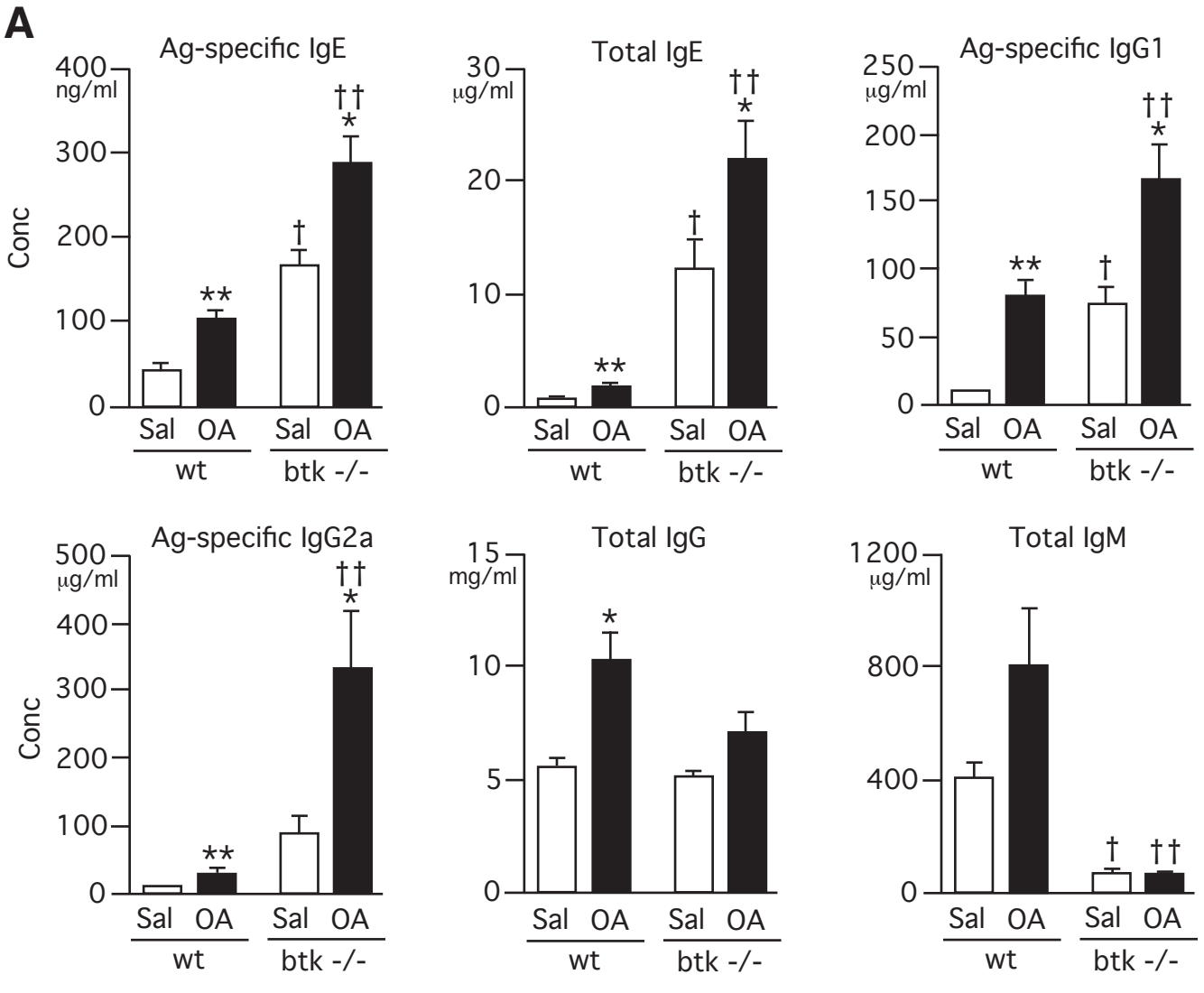
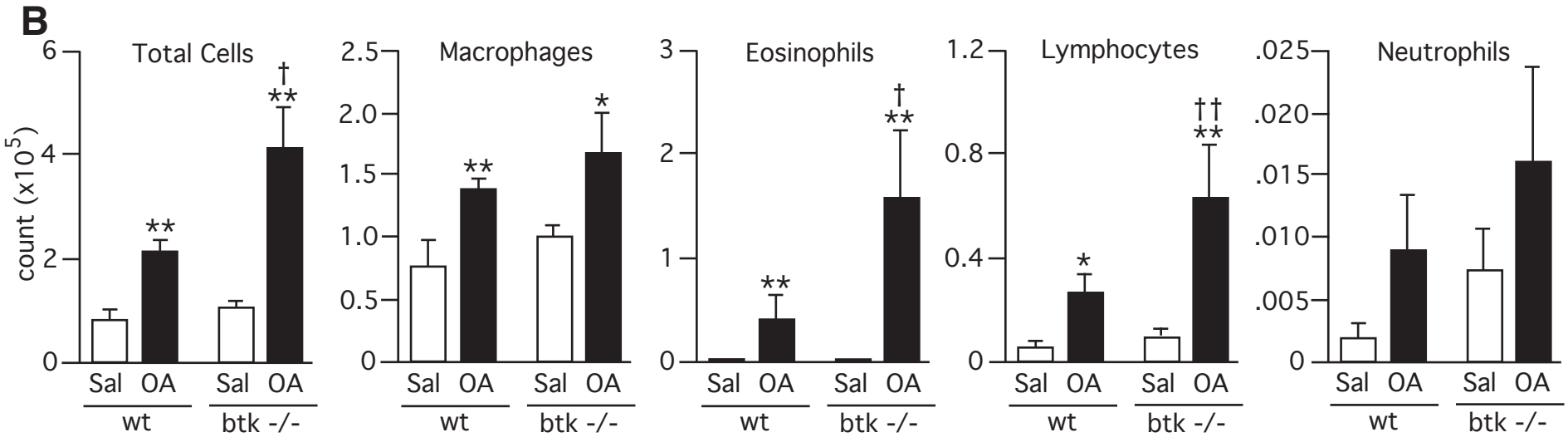
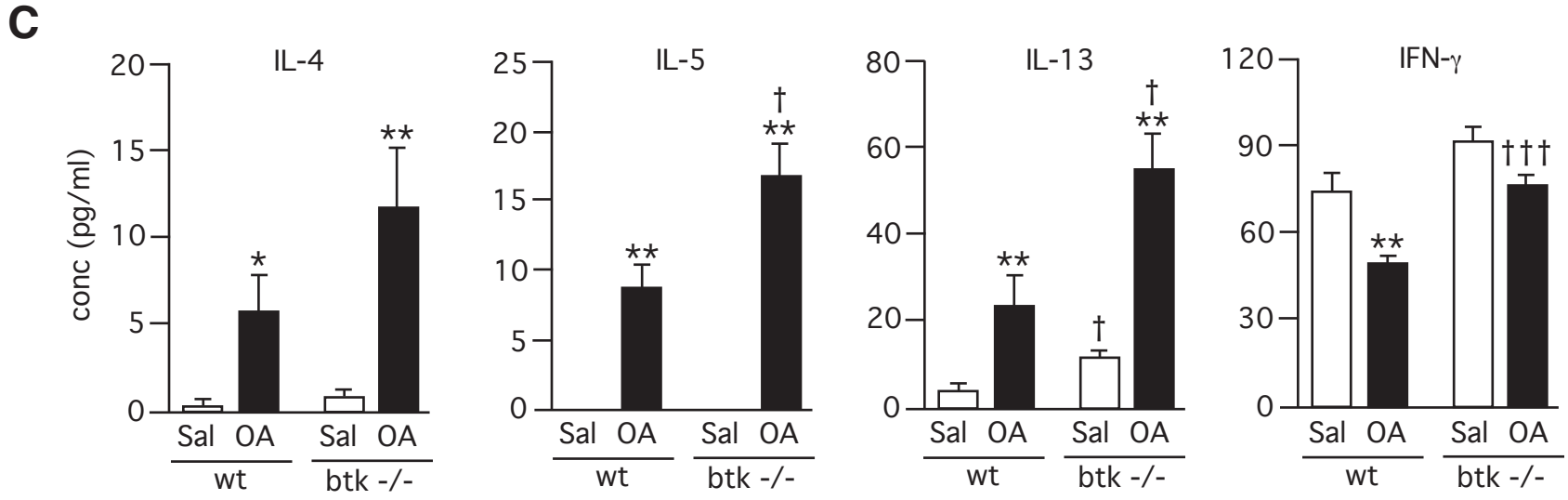

A
Ag-specific IgE
Conc
ng/ml
400
300
200
100
0
**
†
††
*
Sal
OA
Sal
OA
wt
btk -/-
Total IgE
μg/ml
30
20
10
0
**
†
††
*
Sal
OA
Sal
OA
wt
btk -/-
Ag-specific IgG1
μg/ml
250
200
150
100
50
0
**
†
††
*
Sal
OA
Sal
OA
wt
btk -/-
Ag-specific IgG2a
Conc
μg/ml
500
400
300
200
100
0
**
††
*
Sal
OA
Sal
OA
wt
btk -/-
Total IgG
mg/ml
15
10
5
0
*
Sal
OA
Sal
OA
wt
btk -/-
Total IgM
μg/ml
1200
800
400
0
†
††
Sal
OA
Sal
OA
wt
btk -/-


B
Total Cells
Macrophages
Eosinophils
Lymphocytes
Neutrophils
count (x10^5)
Sal OA Sal OA
wt btk -/-


C
IL-4
IL-5
IL-13
IFN-γ
conc (pg/ml)
Sal OA Sal OA
wt btk -/-