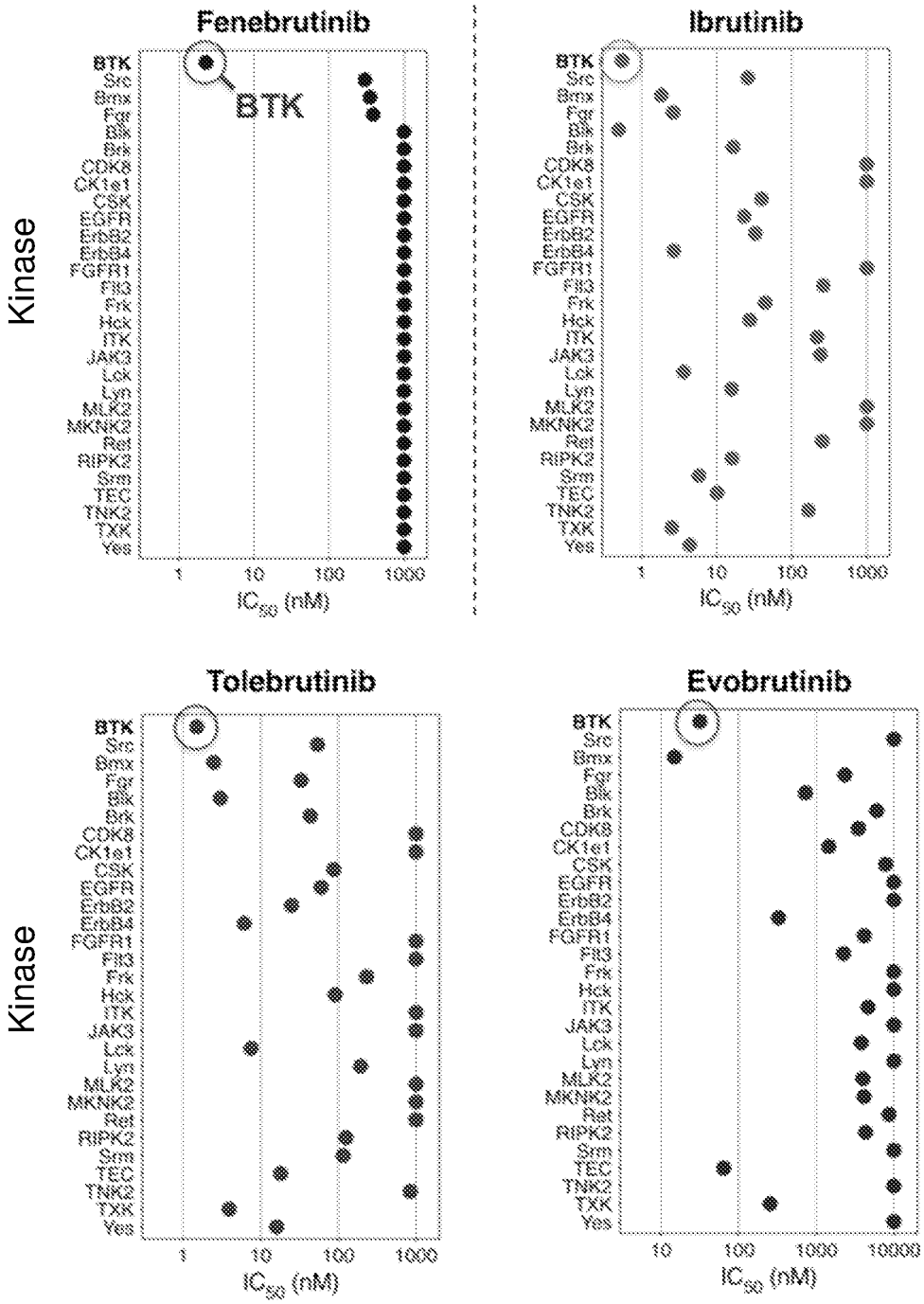

Fenebrutinib
Ibrutinib
Tolebrutinib
Evobrutinib
Kinase
BTK
Src
Bmx
Tec
Btk
Brk
CDK8
CK1e1
CSK
EGFR
ErbB2
ErbB4
FGFR1
FB3
Fak
Hck
ITK
JAK3
Lck
Lyn
MLK3
MKNK2
Raf
RIPK2
Srm
TEC
TNK2
TXK
Yes
1
10
100
1000
10000
IC50 (nM)

FIG. 1

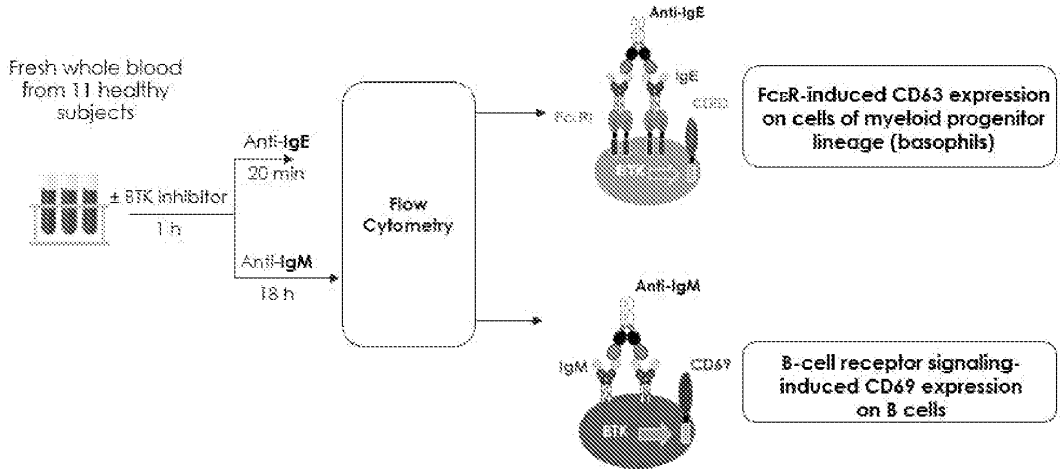

Fresh whole blood from 11 healthy subjects
± BTK inhibitor
1 h
Anti-IgE
20 min
Anti-IgM
18 h
Flow Cytometry
Anti-IgE
IgE
CD63
FcεRI
FcεRI
BTK
SYK
FcεRIγ
FcεRIβ
FcεRIγ
FcεRIβ
FcεRI-induced CD63 expression on cells of myeloid progenitor lineage (basophils)
Anti-IgM
IgM
CD69
BTK
SYK
B-cell receptor signaling-induced CD69 expression on B cells

FIG. 2