

Figure Legends

Fig. S1. EGFR mutation is closely related to CD47 expression and macrophage infiltration in Lung Adenocarcinoma (LUAD). (A) CD47 expression was higher in EGFR mutant LUAD from TCGA database. (B) EGFR mutation was closely associated with higher macrophage infiltration in EGFR mutant LUAD from TCGA database. (C) Comparison of CD47 mRNA expression levels before and after TKI treatments (including OSI and erlotinib) in LUAD with EGFR Exon19del or L858R mutation from GSE165019.

Fig. S2. OSI (125 nmol/L) inhibits the proliferation significantly in HCC827, NCI-H1975 and PC-9 cells, but not in A549 and NCI-H1299 cells. MTT assay was conducted to detect the inhibition rate of OSI with different concentration levels for 48 h in HCC827, NCI-H1975, PC-9, A549, and NCI-H1299 cell lines.

Fig. S3. TKIs induce higher CD47 expression in HCC827 cells. After the treatment with OSI (125 nmol/L), gefitinib (100 nmol/L) and afatinib (100 nmol/L) for 48 h in HCC827 cells, the related protein levels were detected by Western Blot.

Fig. S4. OSI induces higher phosphorylation of p65 in HCC827 and NCI-H1975, but not in PC-9 cells. After the treatment with 125 nmol/L OSI for 48 h in HCC827, NCI-H1975 and PC-9 cells, the related protein levels were determined by Western Blot.

Fig. S1

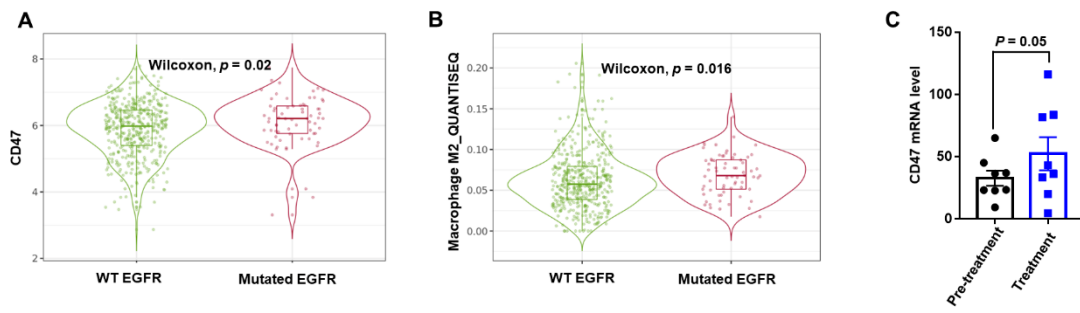


Fig. S2

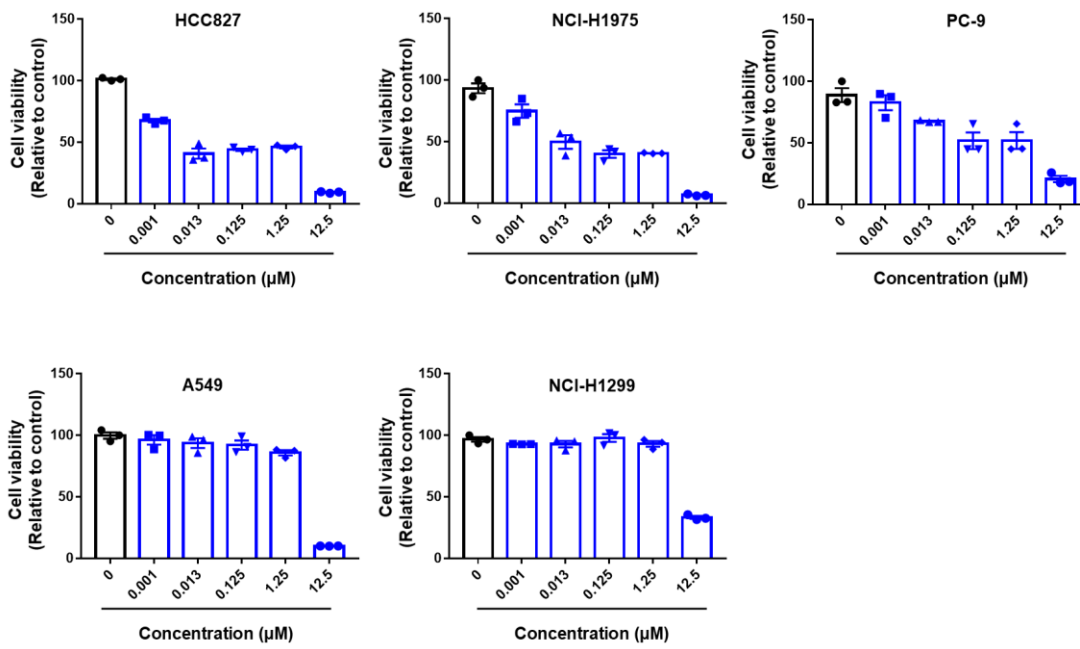


Fig.S3

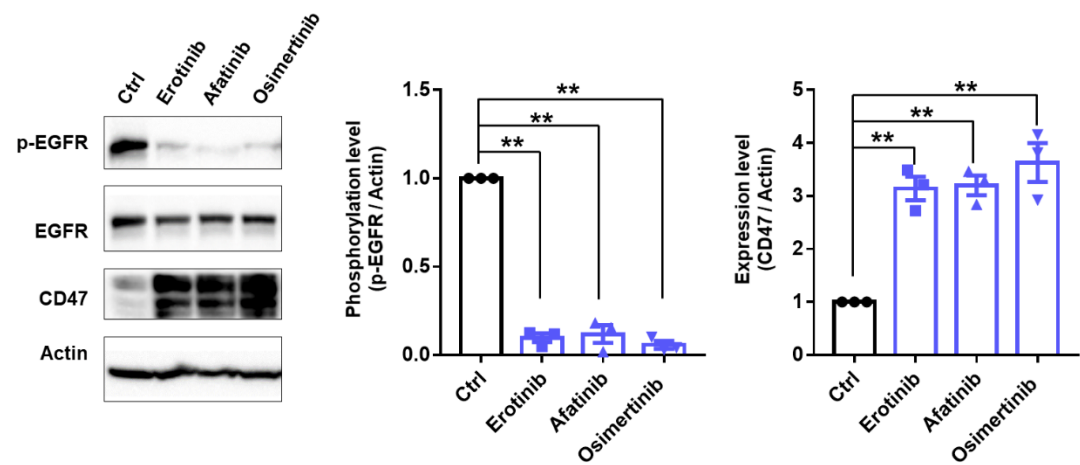


Fig. S4

