

-SUPPORTING INFORMATION-**A Pegylated Flavin Adenine Dinucleotide PEG Complex to Boost
Immunogenic and Therapeutic Effects in a Liver Cancer Model**

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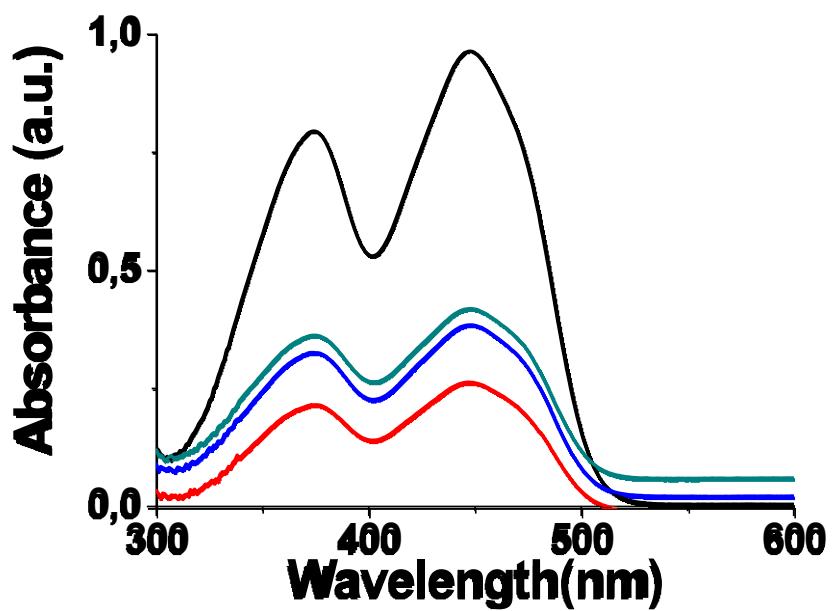


Figure S1: UV-Vis absorption spectra of (A) FAD at increasing known concentrations.

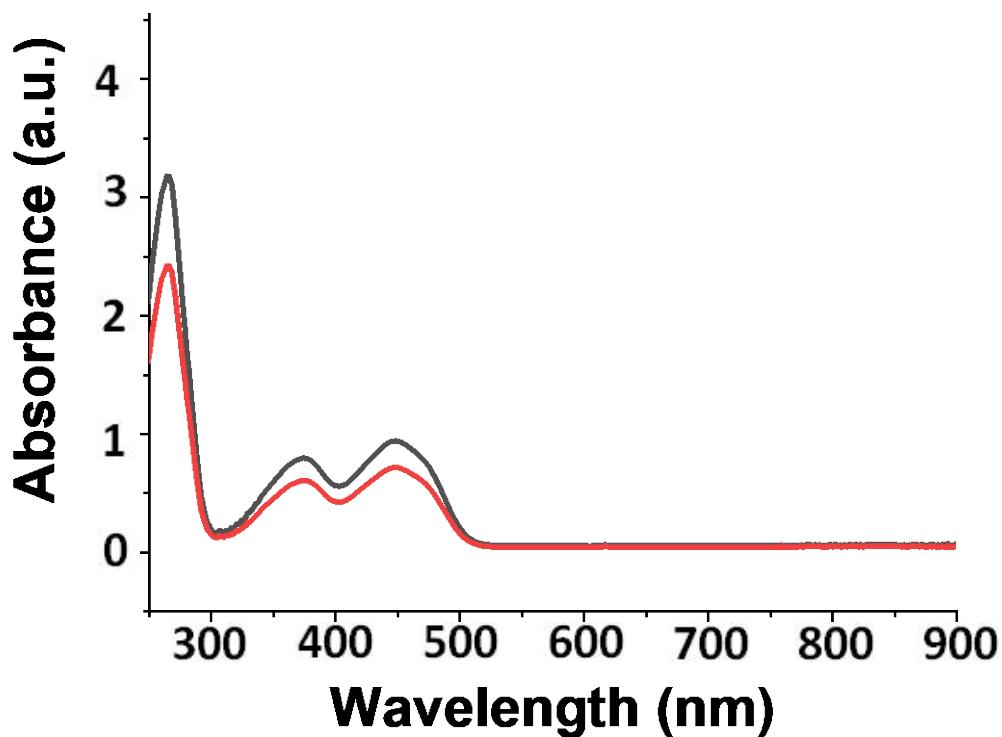


Figure S2. Stability of FAD PEG-Diacide (NP2) before (black line) and after (red line) incubation in DMEM(72h).

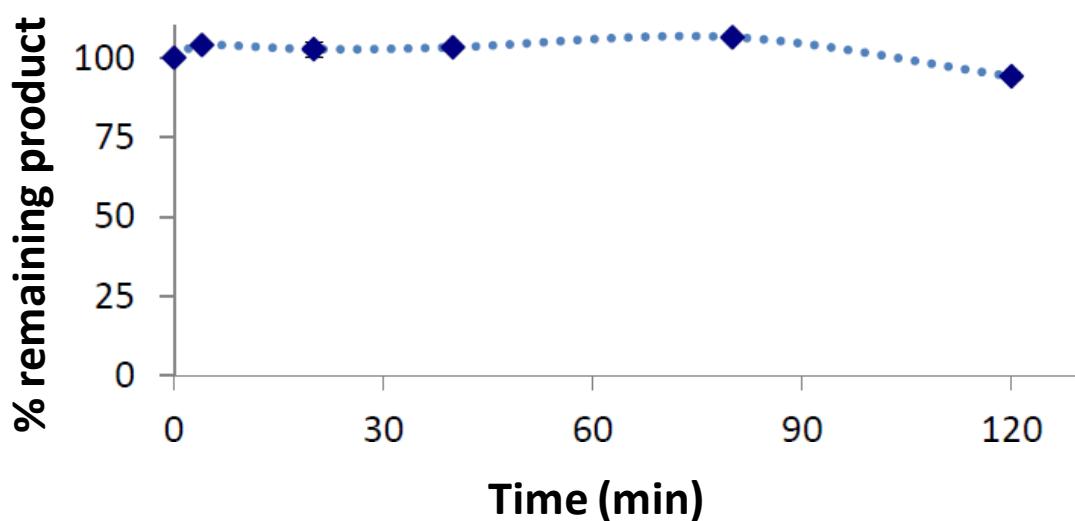
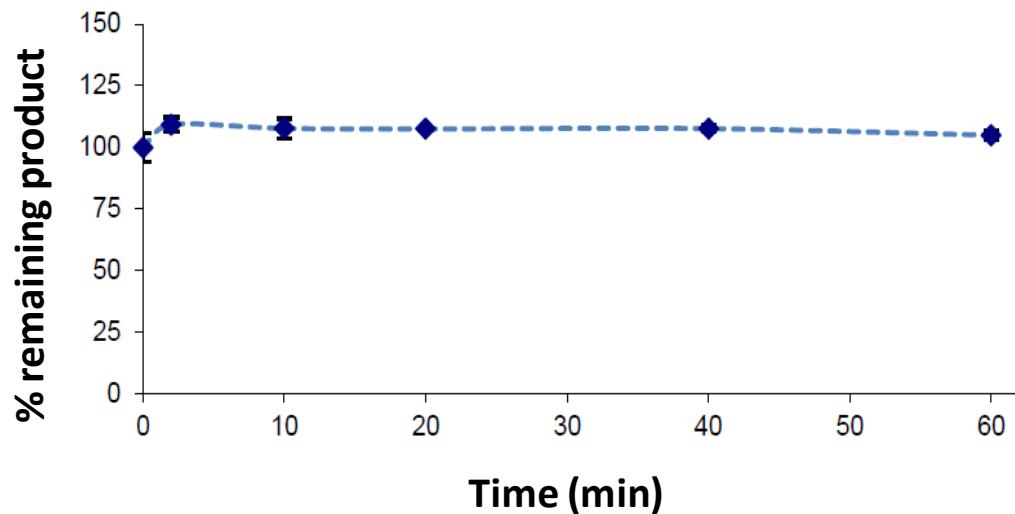


Figure S3. Stability of NP2 in plasma of mice during 120 min at 37°C (PBS, pH 7).

A)



B)

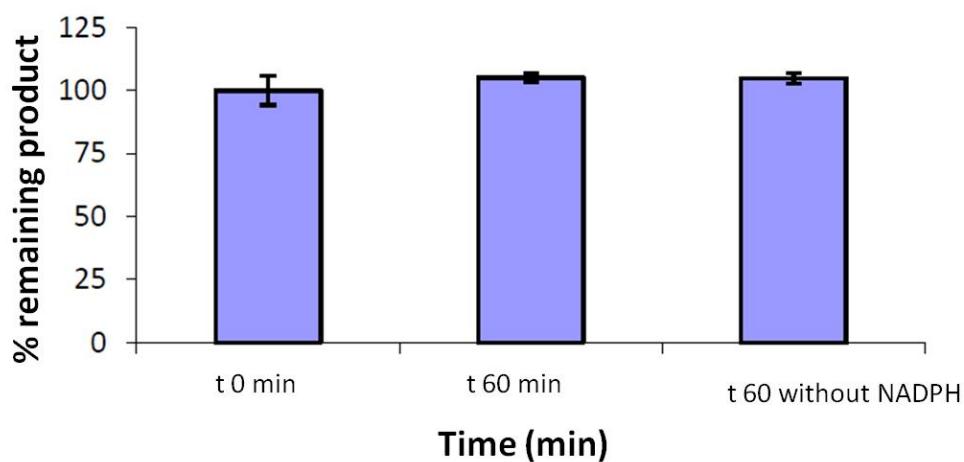
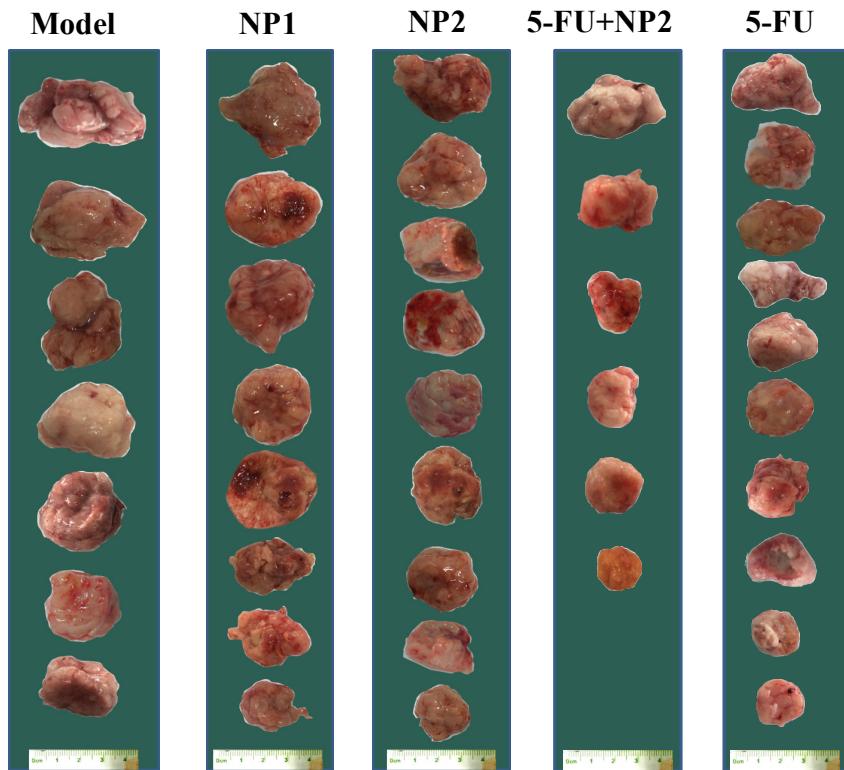
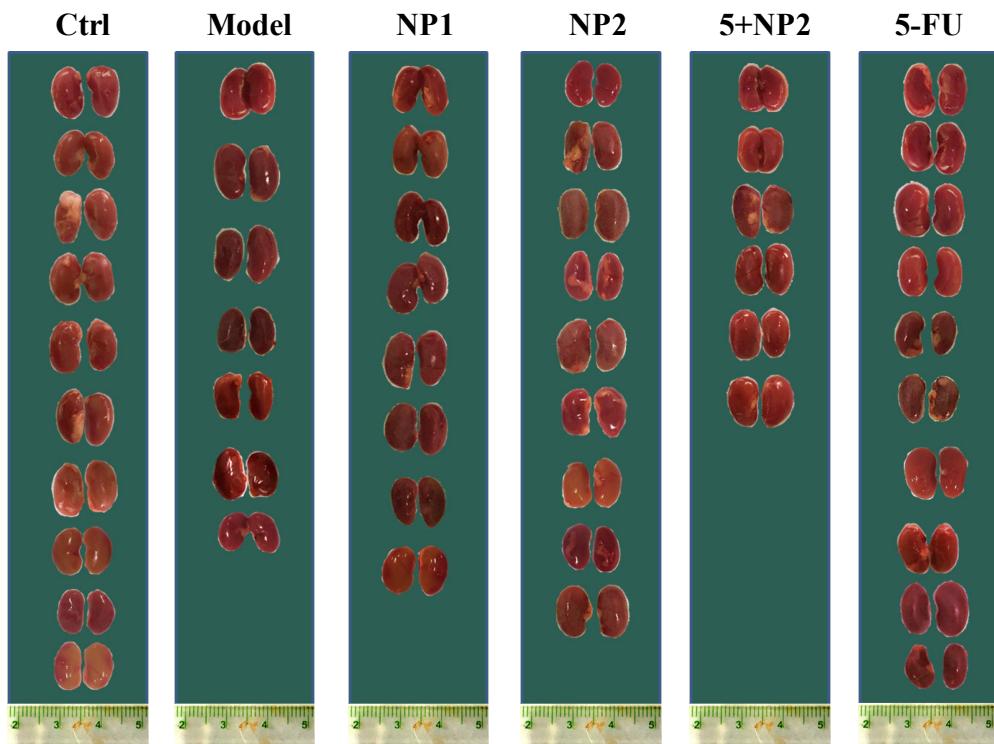


Figure S4.A) Stability of NP2 in microsomes of liver mouse during 1h at 37°C (PBS, pH 7.4) in presence of NADPH cofactor (B).

A)



C)



D)

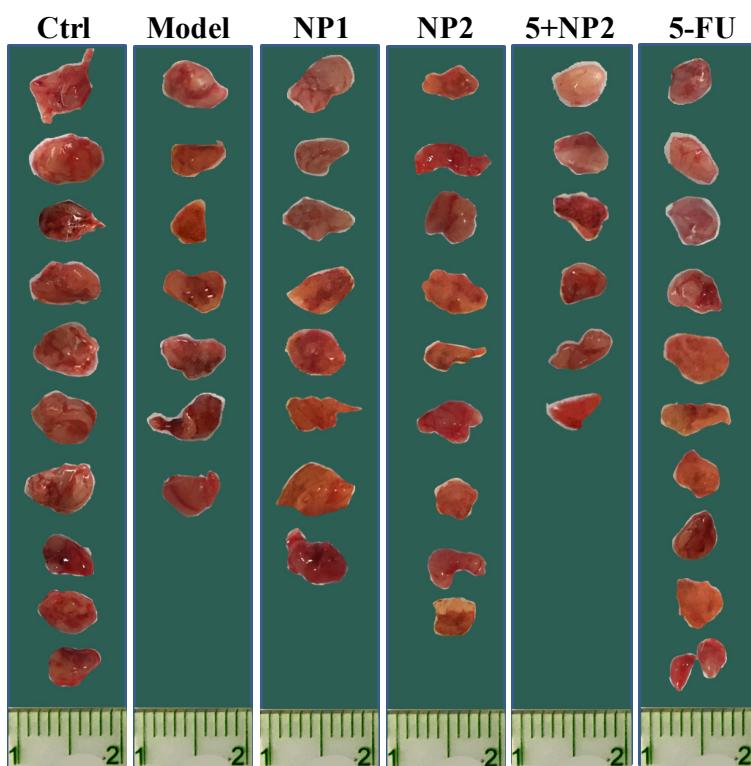
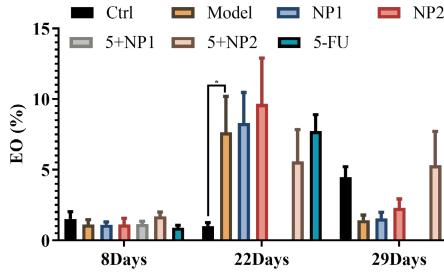
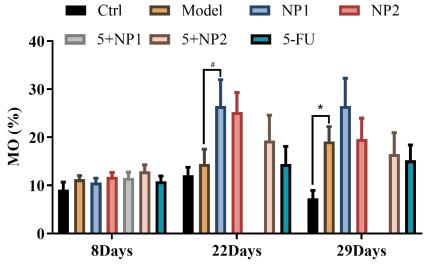
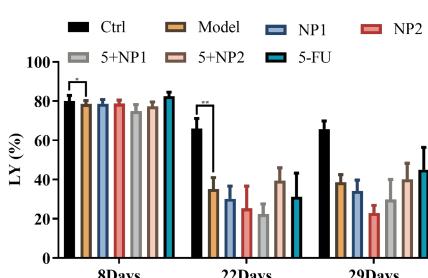
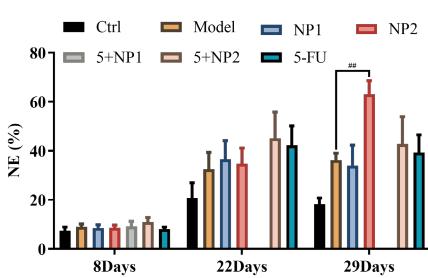
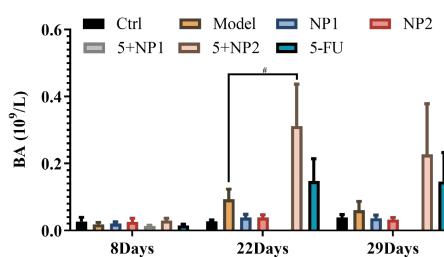
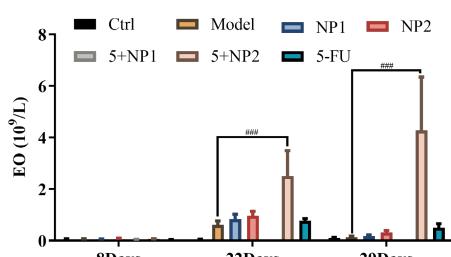
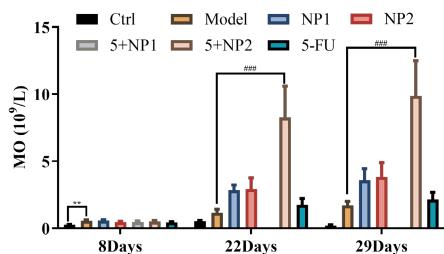
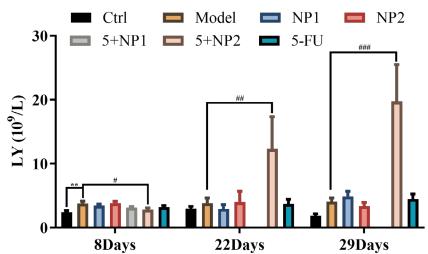
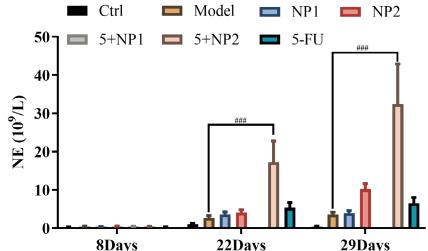
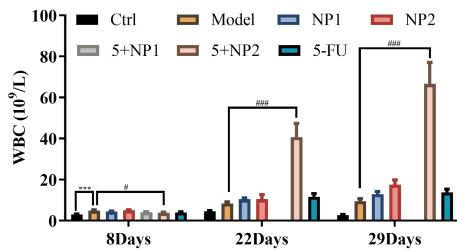


Figure S5 : Morphology of the tumor (A) and spleen tissues (B) kidney (C) and thymus (D) of each group taken out from the sacrificed mice at the study end point.



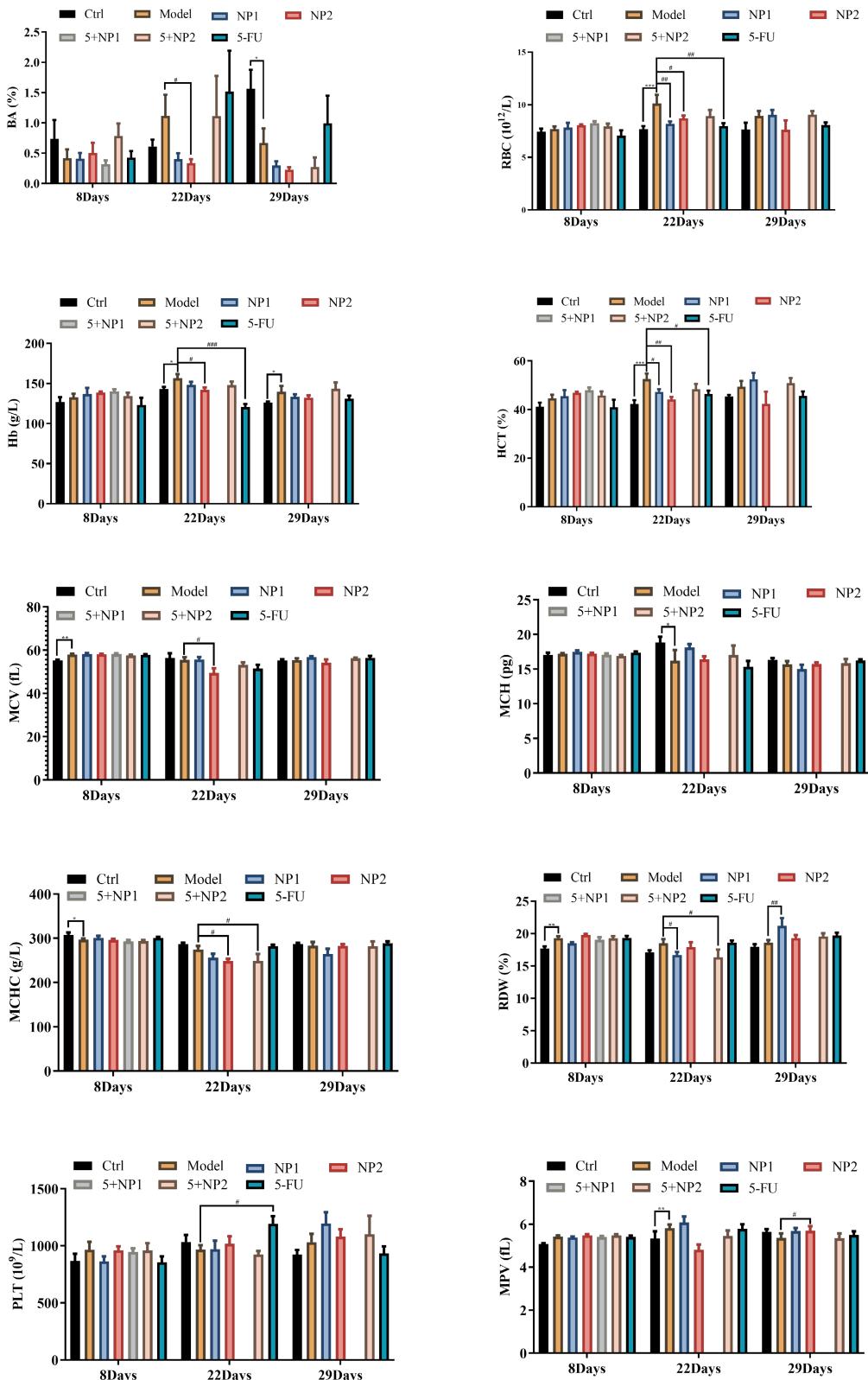


Figure S6. Effect of NP1 and NP2 on blood cell in liver mice with HEP1-6 cells injection Values were shown as Mean±SEM. * $p<0.05$, ** $p<0.01$ and *** $p<0.001$ vs sham group ; # $p<0.05$, ## $p<0.01$ and ### $p<0.001$ vs model group.