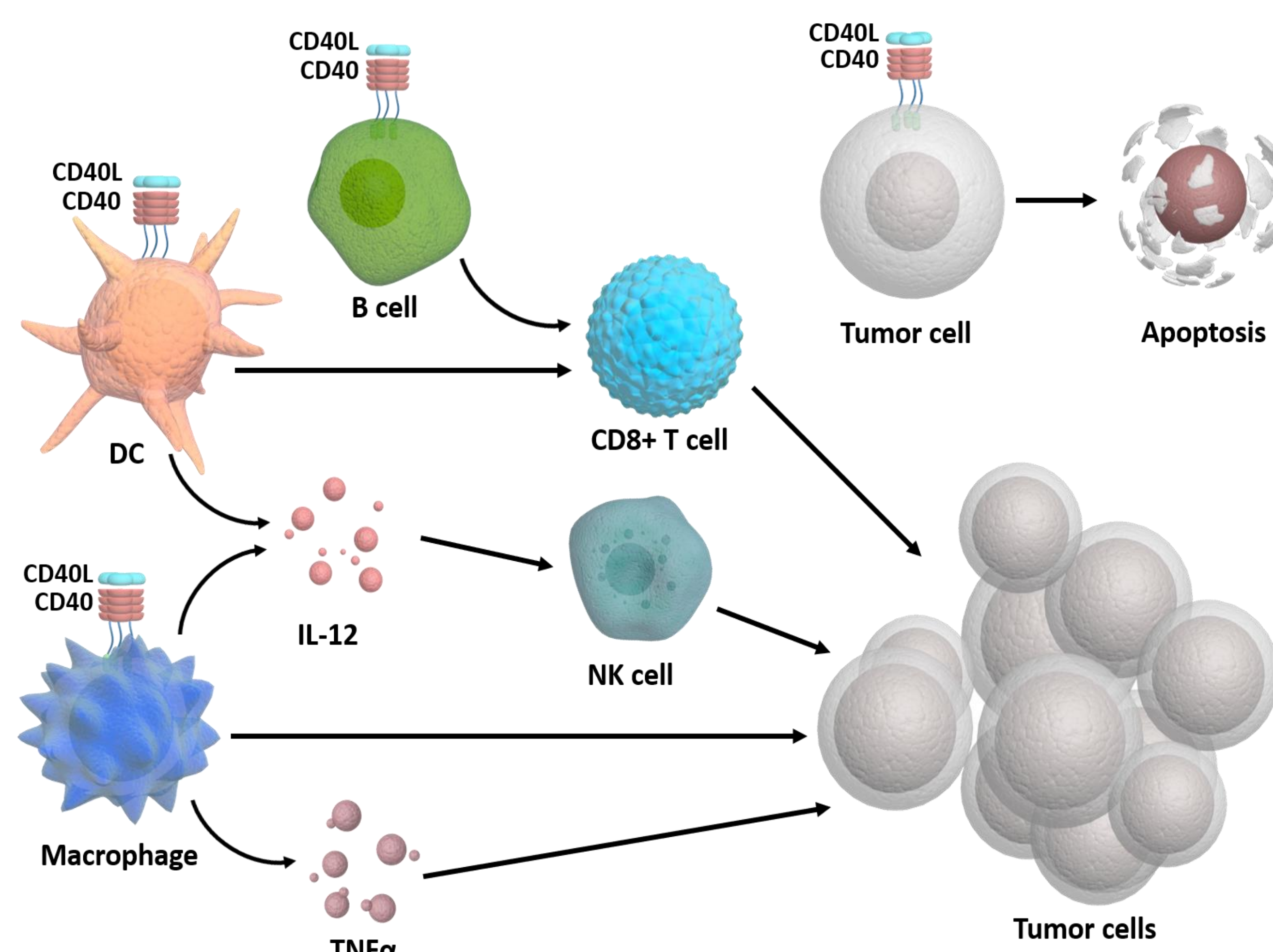


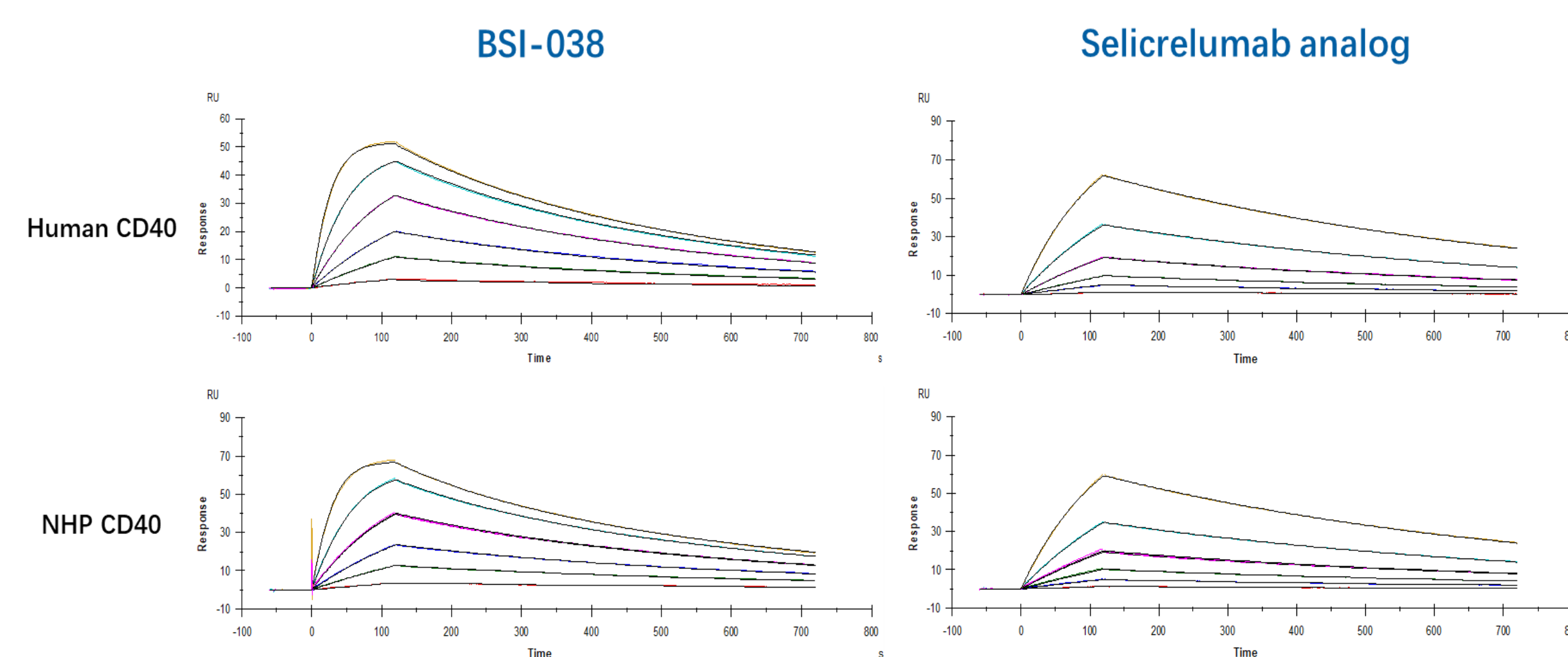
## Introduction

CD40 agonism is able to promote anti-tumor immunity by stimulation of both innate and adaptive immune responses. A superior anti-CD40 agonistic antibody, BSI-038, was identified with enhanced binding affinity and bioactivity than Selicrelumab analog. It exhibited potent and dose-dependent anti-tumor activity in animal models. It was well-tolerated in pre-clinical studies with the highest non-severely toxic dose of 150 mg/kg in monkeys. Phase I trial was ongoing in China.

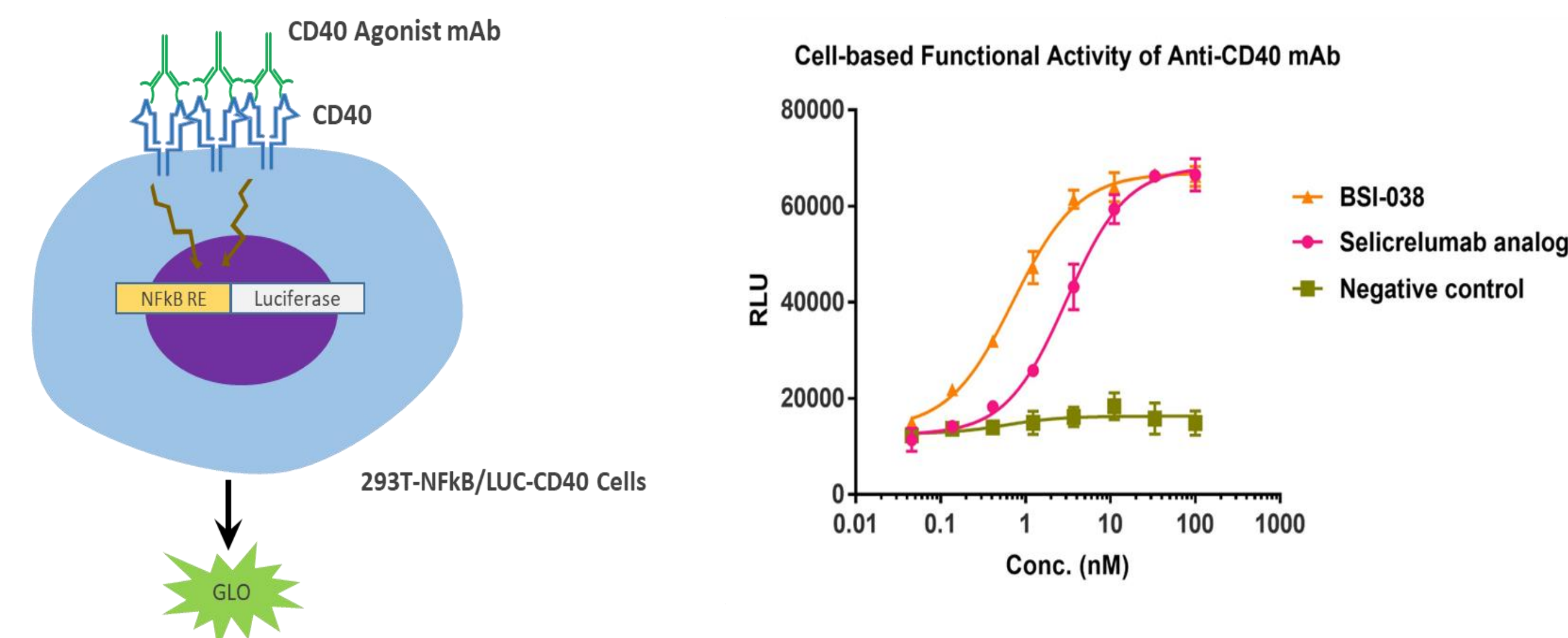
## Effects of CD40-CD40L Signaling



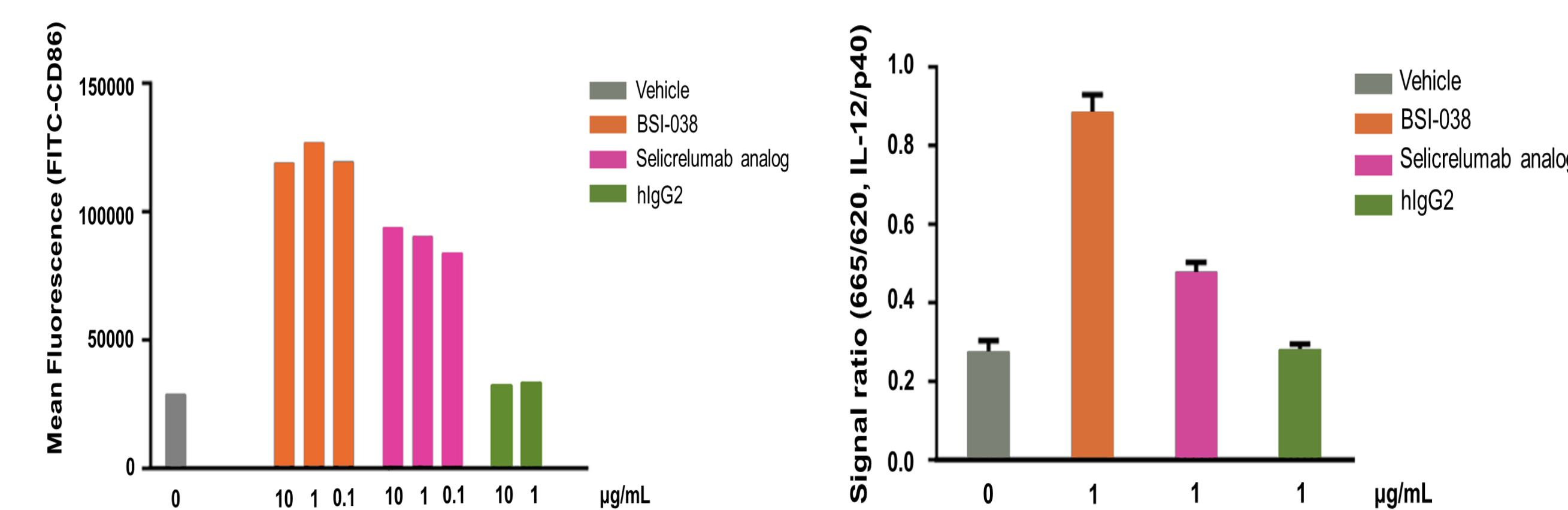
## BSI-038 Exhibits Higher Binding Affinity



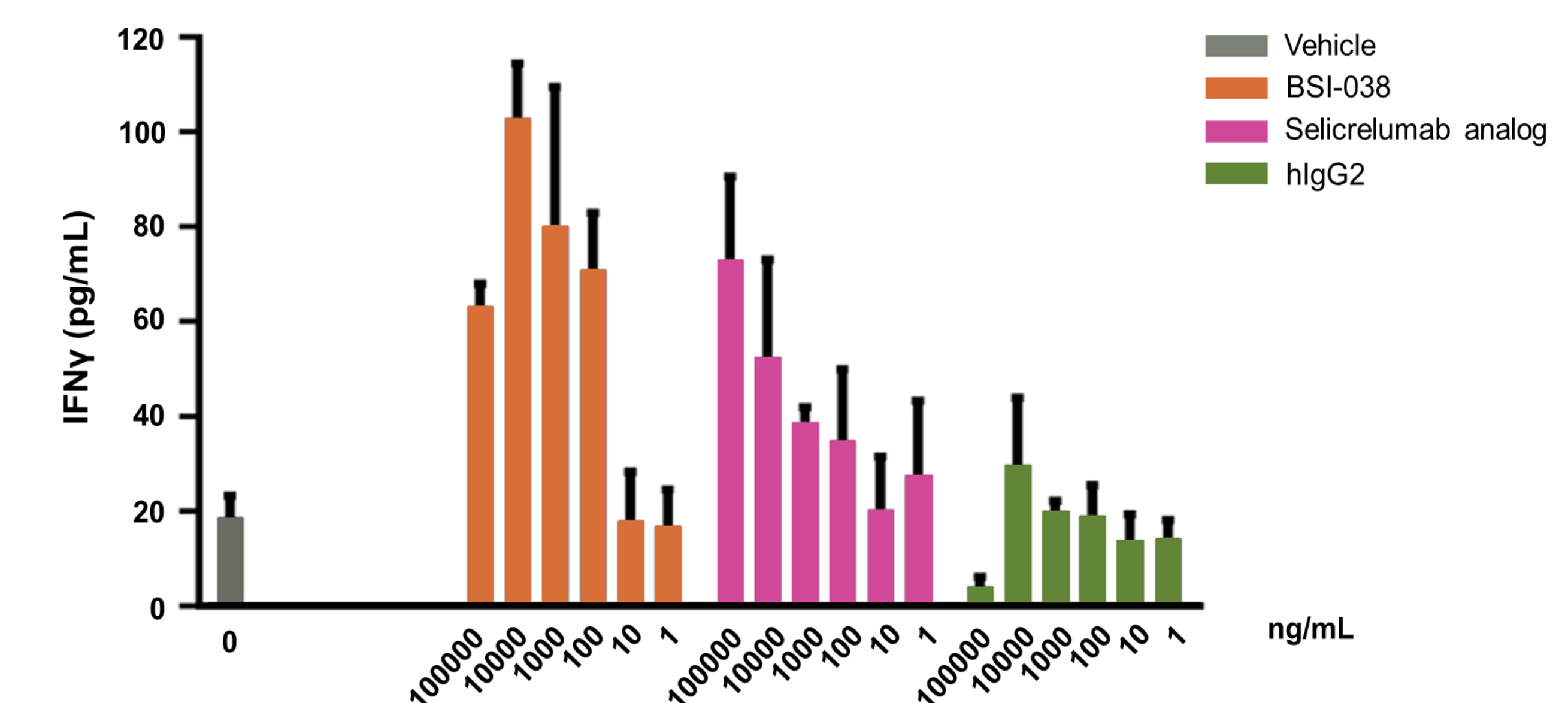
## BSI-038 Shows Higher Cellular Bioactivity



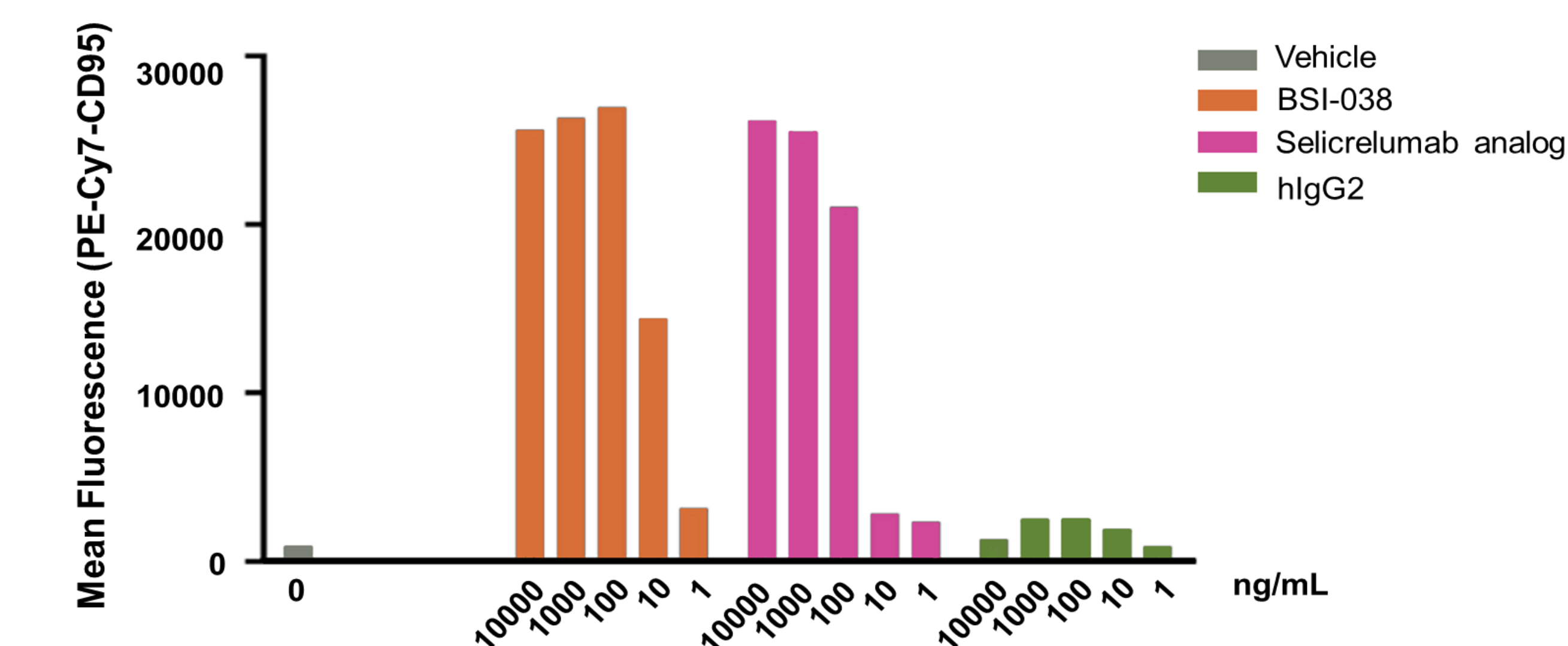
## BSI-038 Significantly Activates Monocyte-Derived DCs



## BSI-038 Significantly Promotes IFN $\gamma$ Secretion in MLR

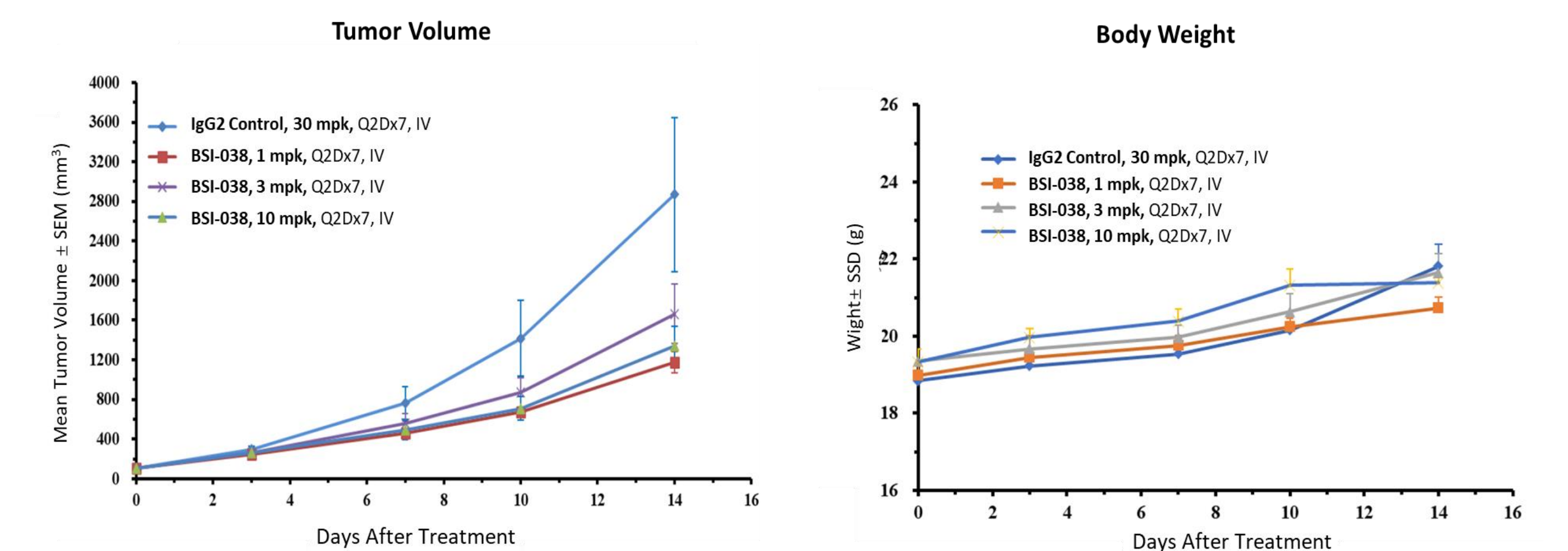


## BSI-038 Significantly Stimulates CD95 On Ramos Cells

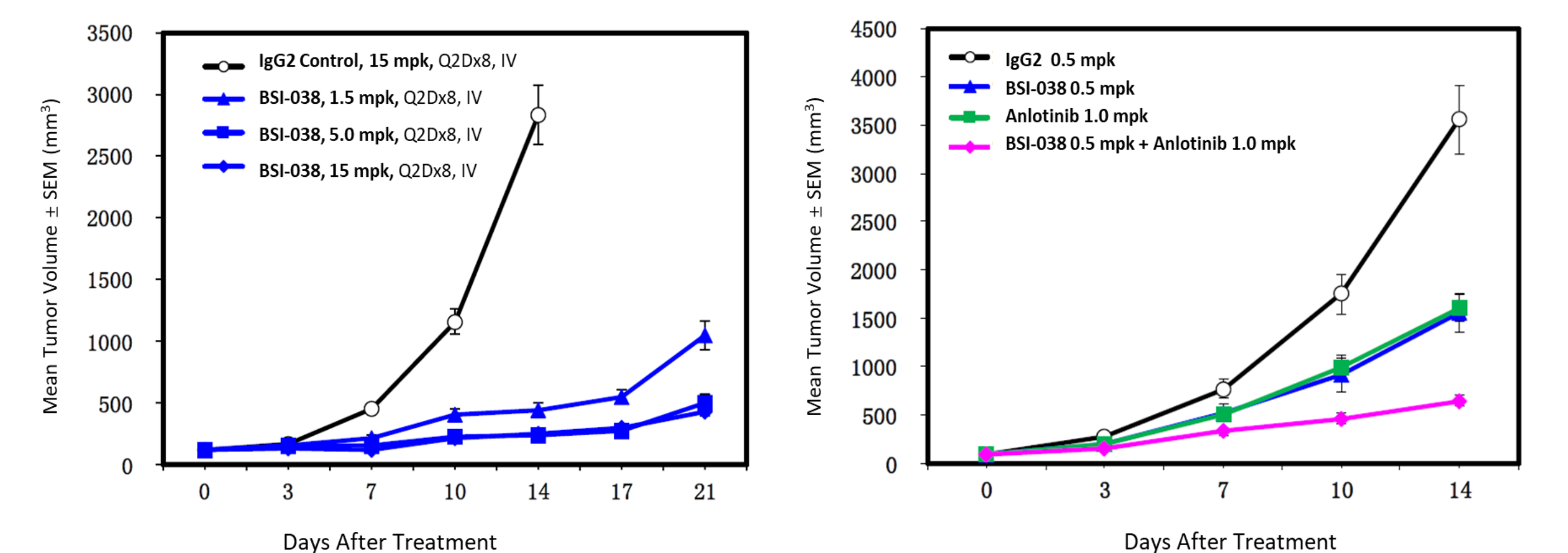


## BSI-038 Shows Potent Anti-Tumor Activity *In Vivo*

### Subcutaneous hCD40/MC38 in hCD40 Knock-in Mice

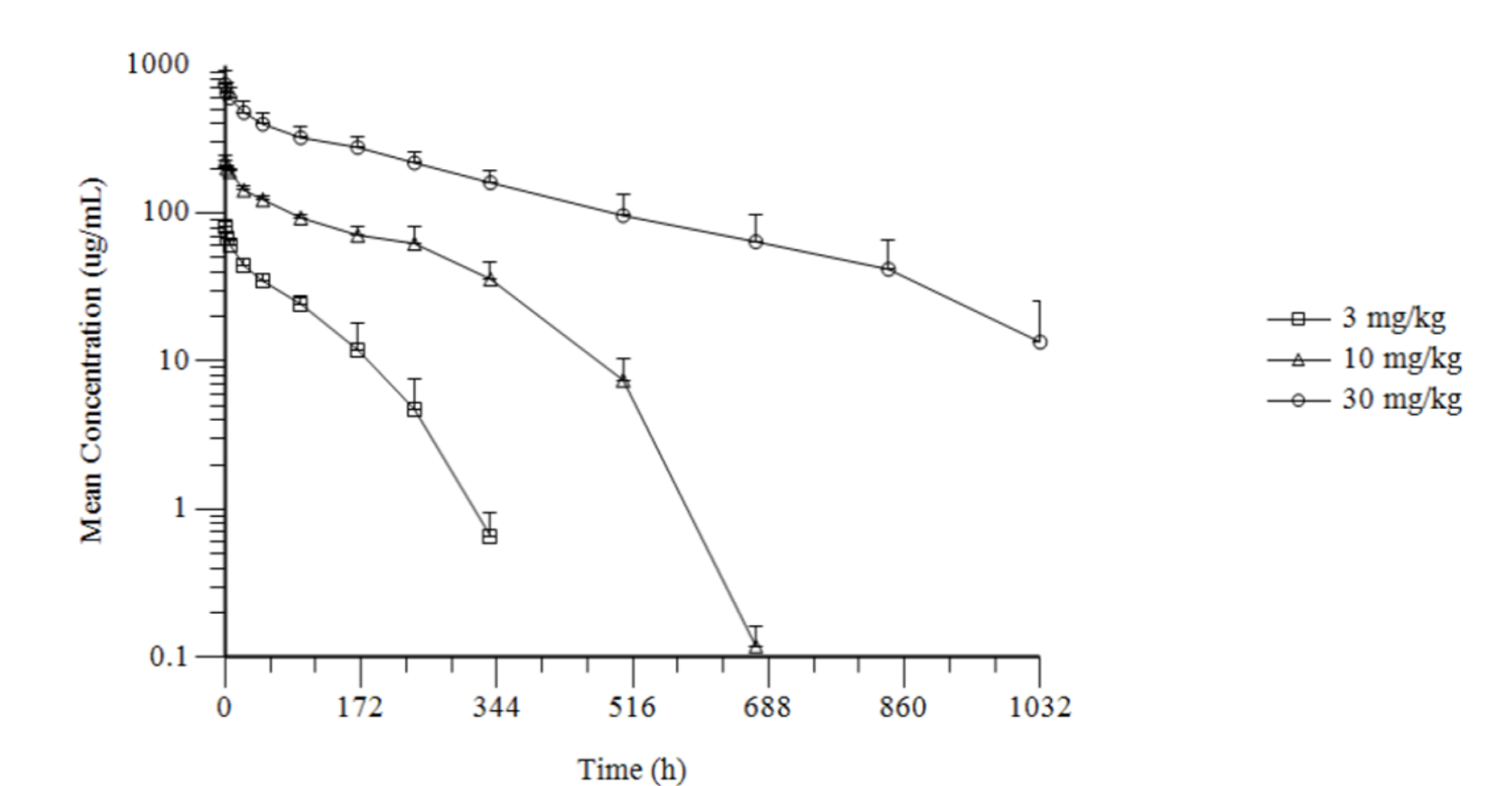


### Subcutaneous Ramos Xenograft in NOD/SCID Mice



## BSI-038 Shows Good PK Profile in Cynomolgus Monkey

### Serum Concentration of BSI-038 in Cynomolgus Monkey (n=6/group) after IV Bolus Dose



Parameters	Unit	Low Dose (3 mg/kg)	Medium Dose (10 mg/kg)	High Dose (30 mg/kg)
$t_{1/2}$	h	39.6 ± 8.41	93.0 ± 26.7	173 ± 91.0

## Summary

- Higher binding affinity and higher *in vitro* and *ex vivo* bioactivity than Selicrelumab analog;
- Potent *in vivo* anti-tumor activity in multiple animal models;
- Well-tolerated in pre-clinical studies with the highest non-severely toxic dose of 150 mg/kg in monkeys;
- Phase I trial ongoing in China and data expected in Q3 of 2023