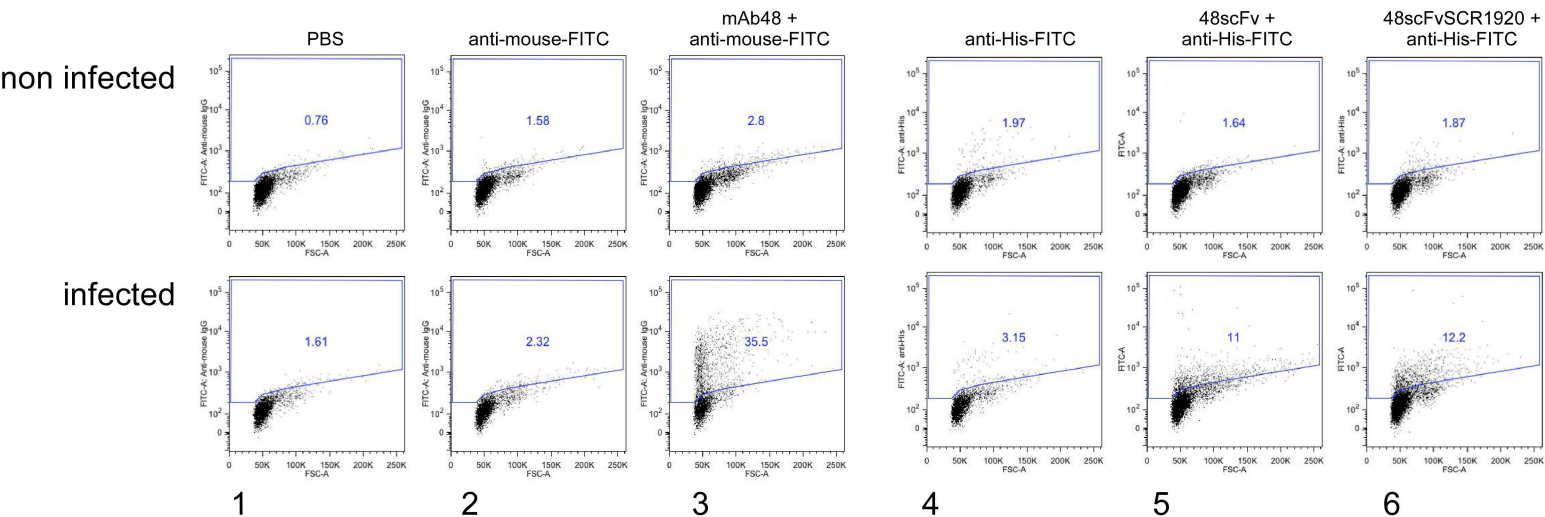


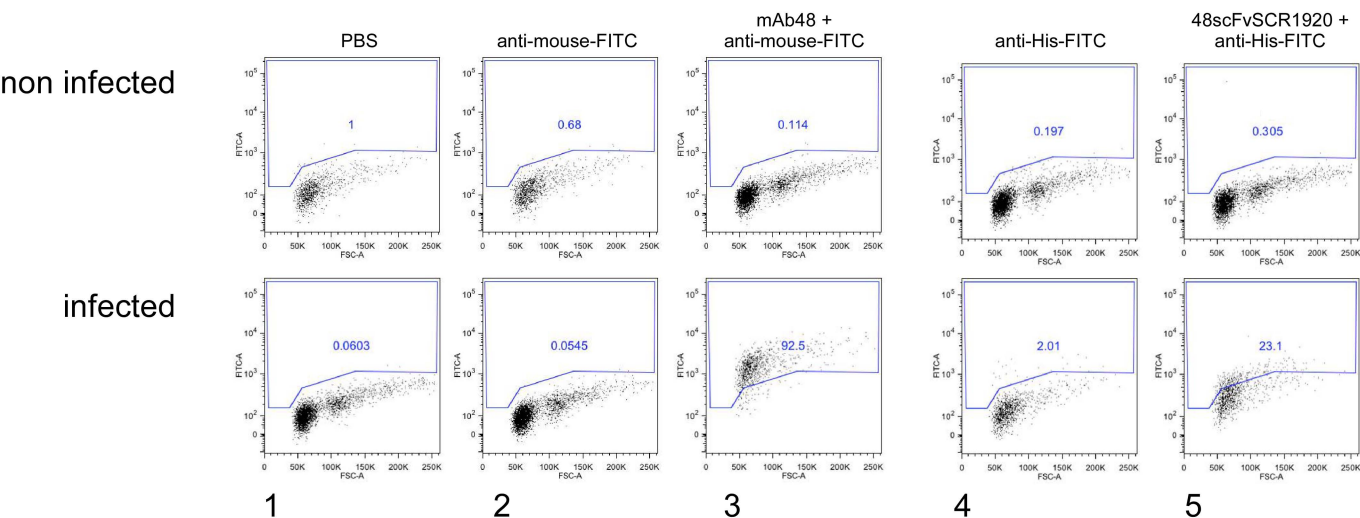
supplemental data to figure 4.



Column 1-3: Identification of infected *Mus dunni*-cell population using the monoclonal parent antibody clone 48 (mAb48). Column 4-6: The gate of mAb48-positive cells was used to identify functional single-chain Fv-constructs.

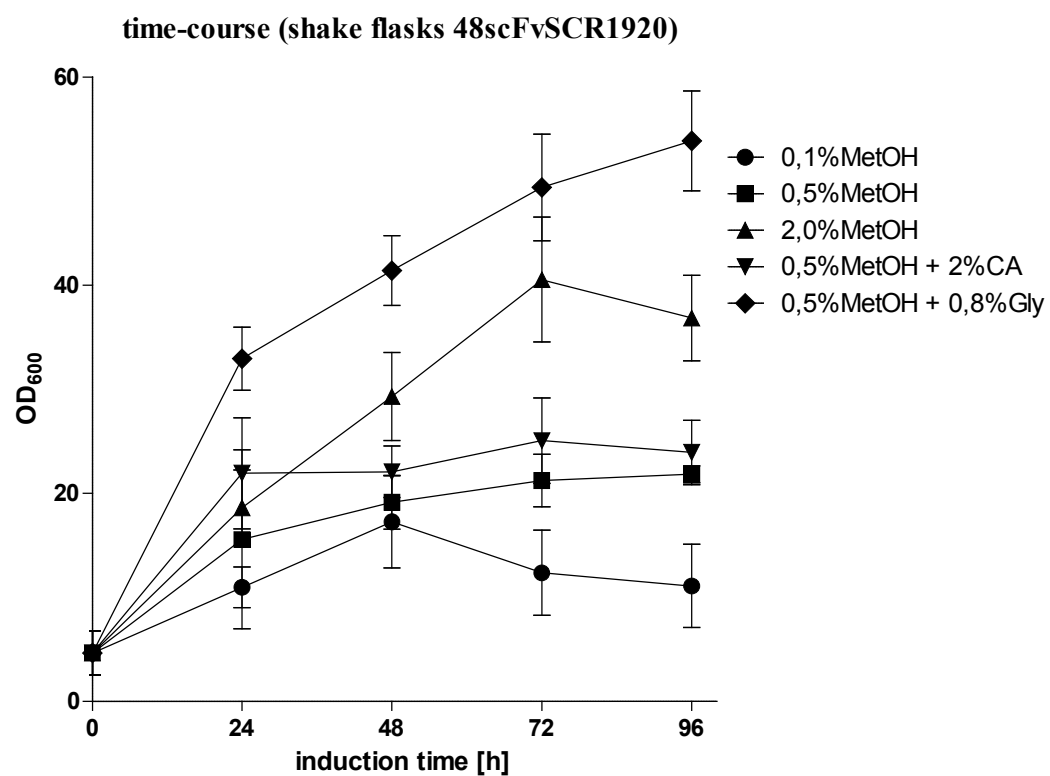
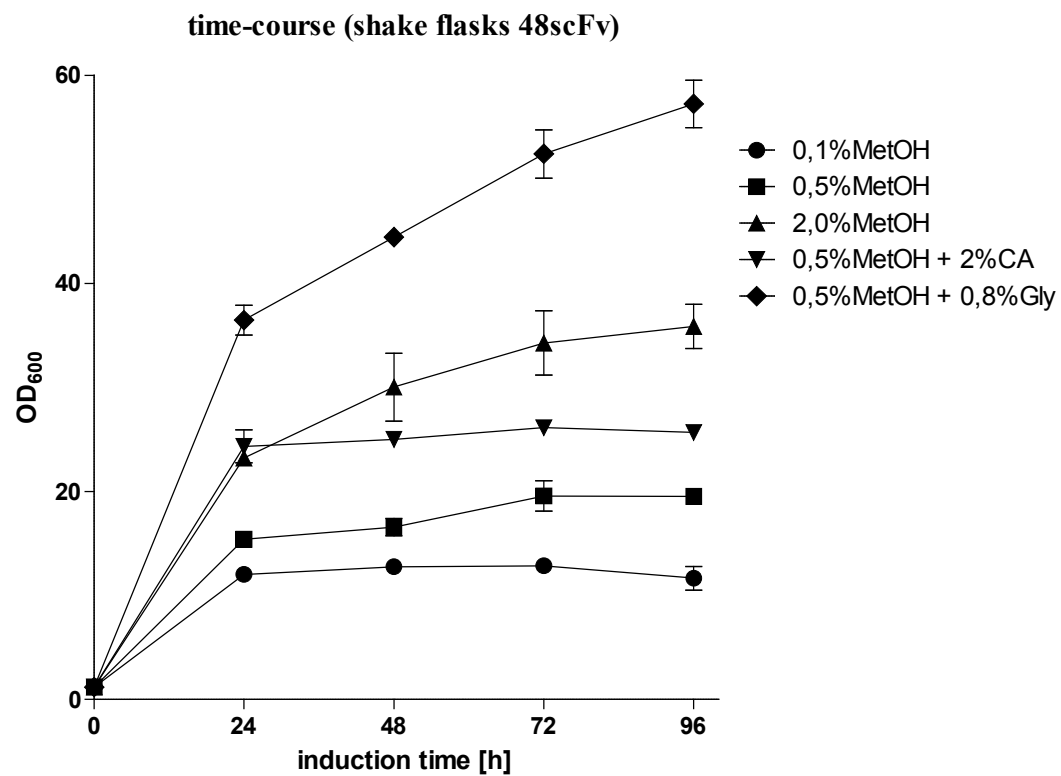
Non-infected *Mus dunni* cells served as negative control.

supplemental data to figure 5:



Column 1-3: Identification of infected *Mus dunni*-cell population using the monoclonal parent antibody clone 48 (mAb48). Column 4-5: The gate of mAb48-positive cells was used to identify functional single-chain Fv-construct.

Non-infected *Mus dunni* cells served as negative control.



Biomass accumulation of *Pichia pastoris* expressing 48scFv and 48scFvSCR1920 in shake flasks under different conditions during 96h induction.

summarizing the cell viability of Pichia (shake flasks) after 96h induction

48scFv	dead cells (SD)	viability
0,1% MetOH	0,77(\pm 0,15)	99,23
0,5% MetOH	0,53(\pm 0,15)	99,47
2,0% MetOH	1,23(\pm 0,15)	98,77
0,5% MetOH+2,0%CA	3,67(\pm 0,15)	96,33
0,5% MetOH+0,8%Gly	0,27(\pm 0,06)	99,73
48scFvSCR1920		
0,1% MetOH	1,13(\pm 0,06)	98,87
0,5% MetOH	0,93(\pm 0,06)	99,07
2,0% MetOH	9,53(\pm 1,38)	90,47
0,5% MetOH+2,0%CA	1,67(\pm 0,06)	98,33
0,5% MetOH+0,8%Gly	1,37(\pm 0,15)	98,63