

Figure 1A

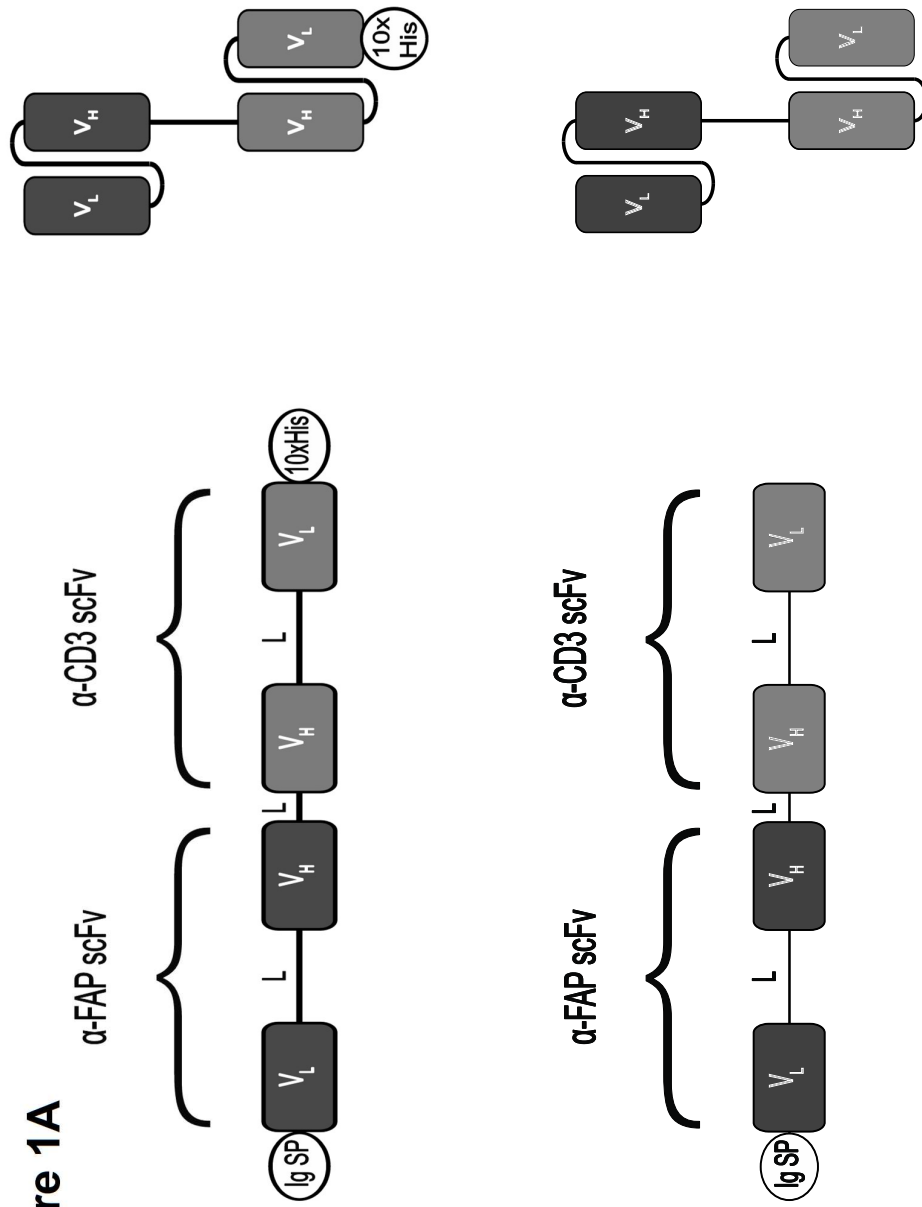


Figure 1B

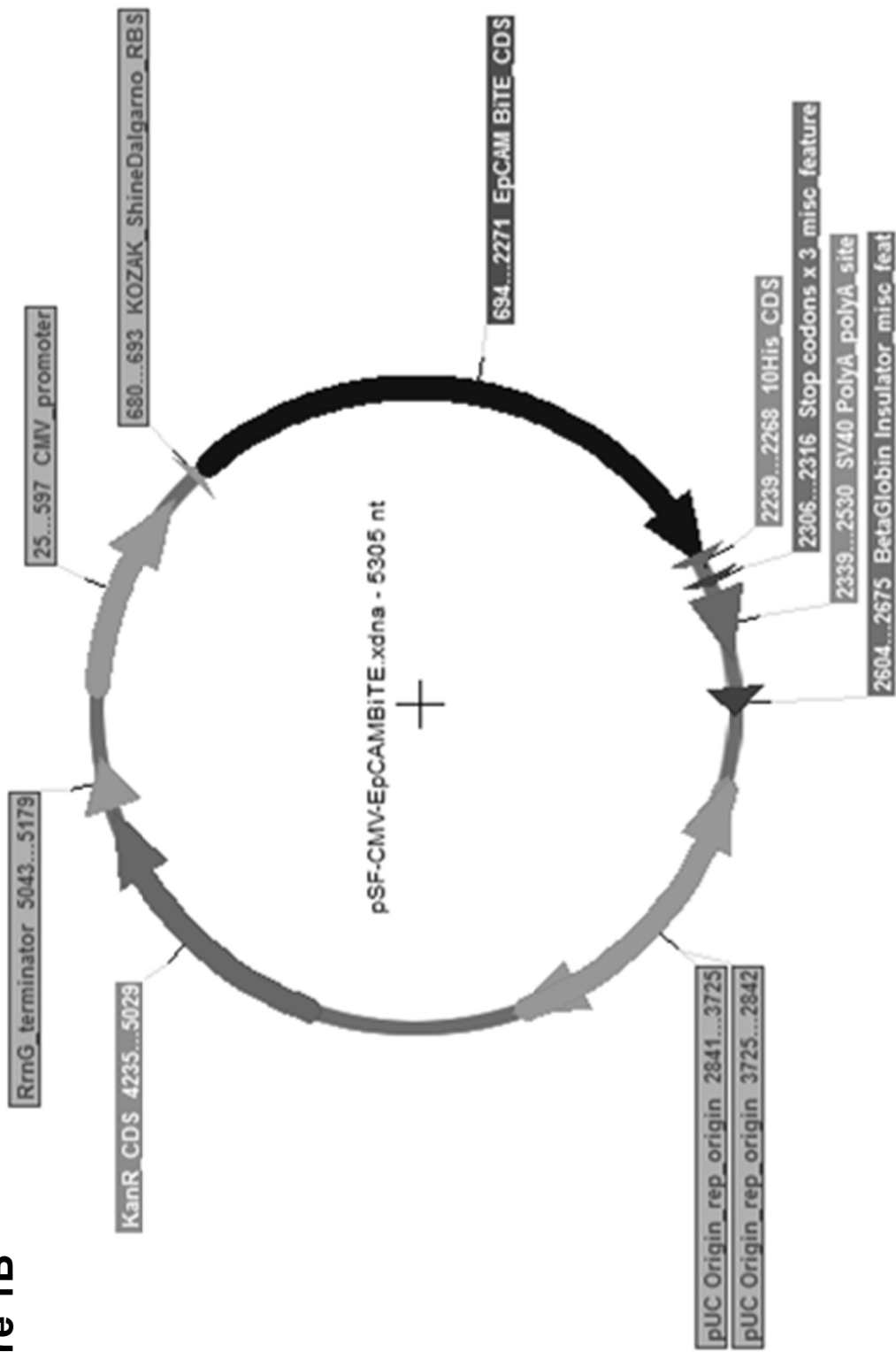
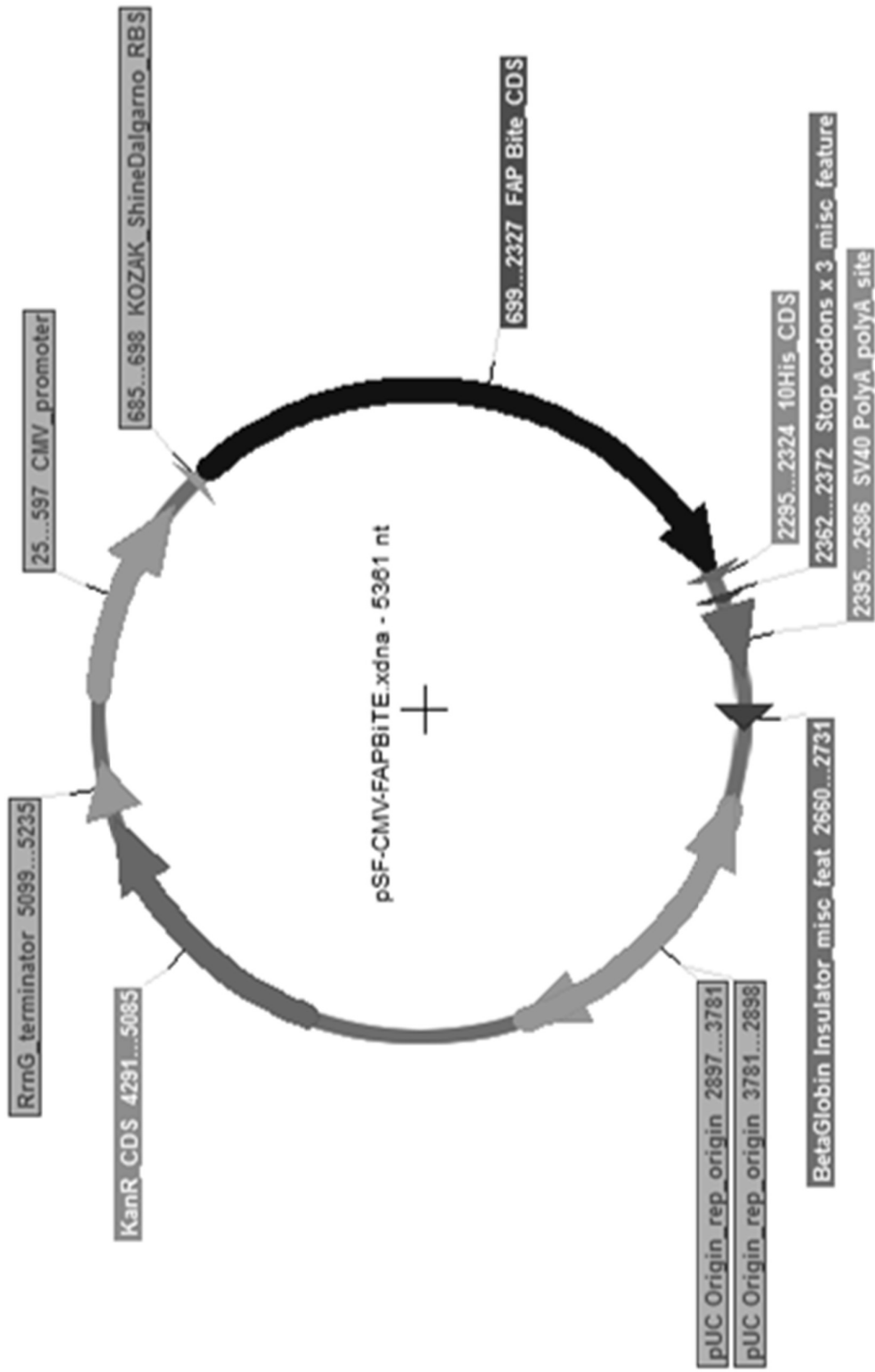


Figure 1C



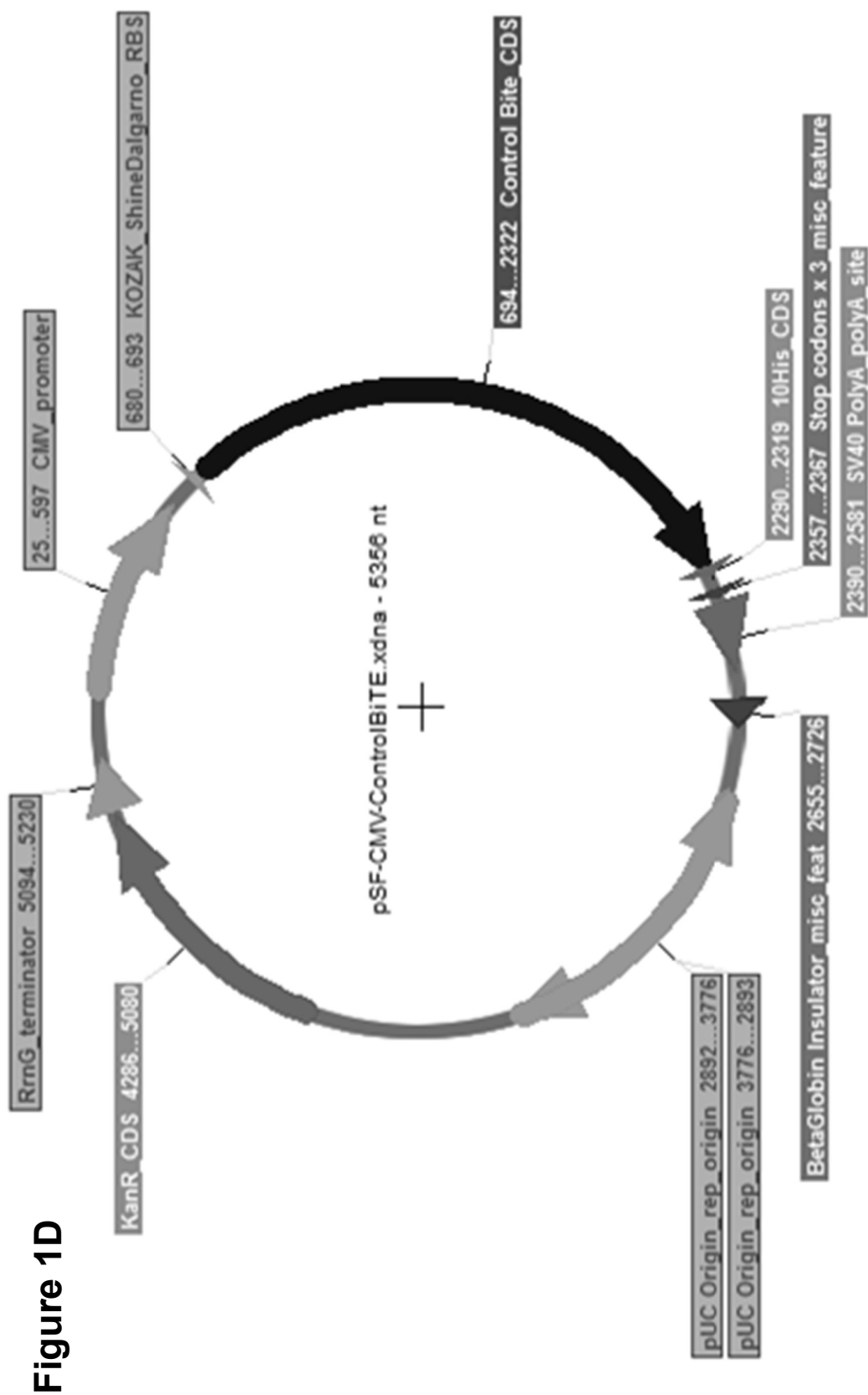


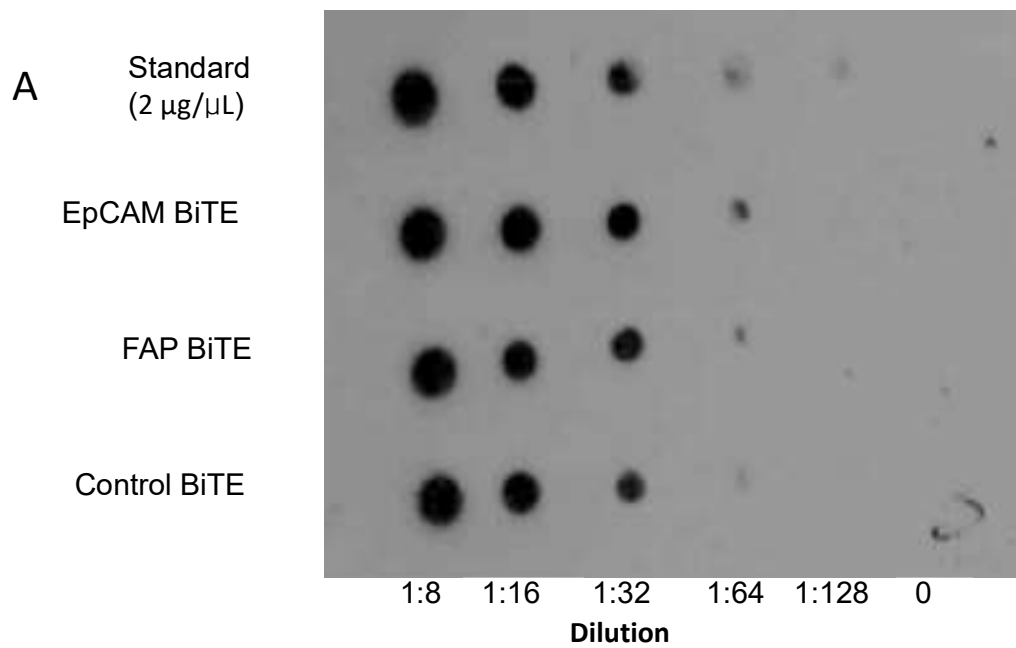
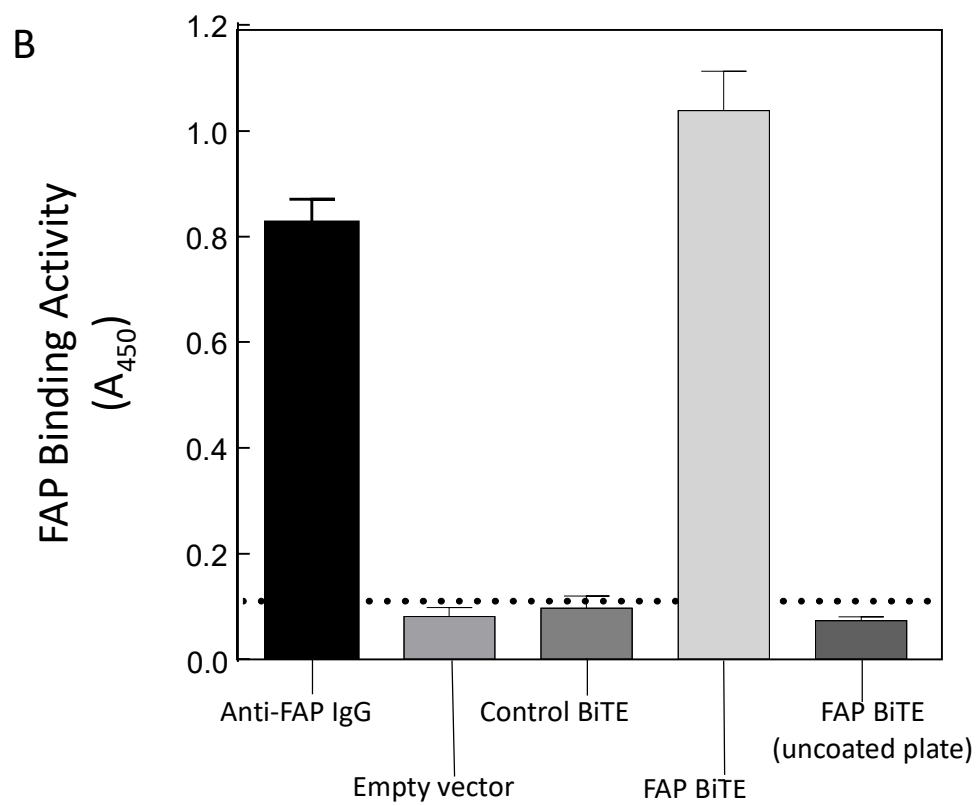
Figure 2

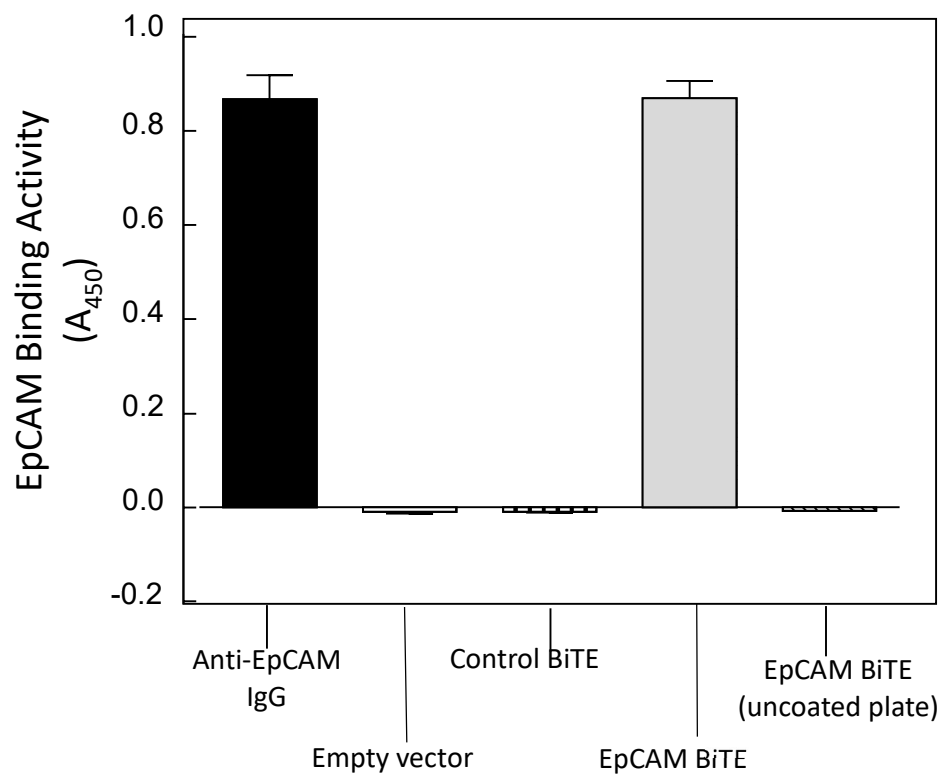
Figure 2C

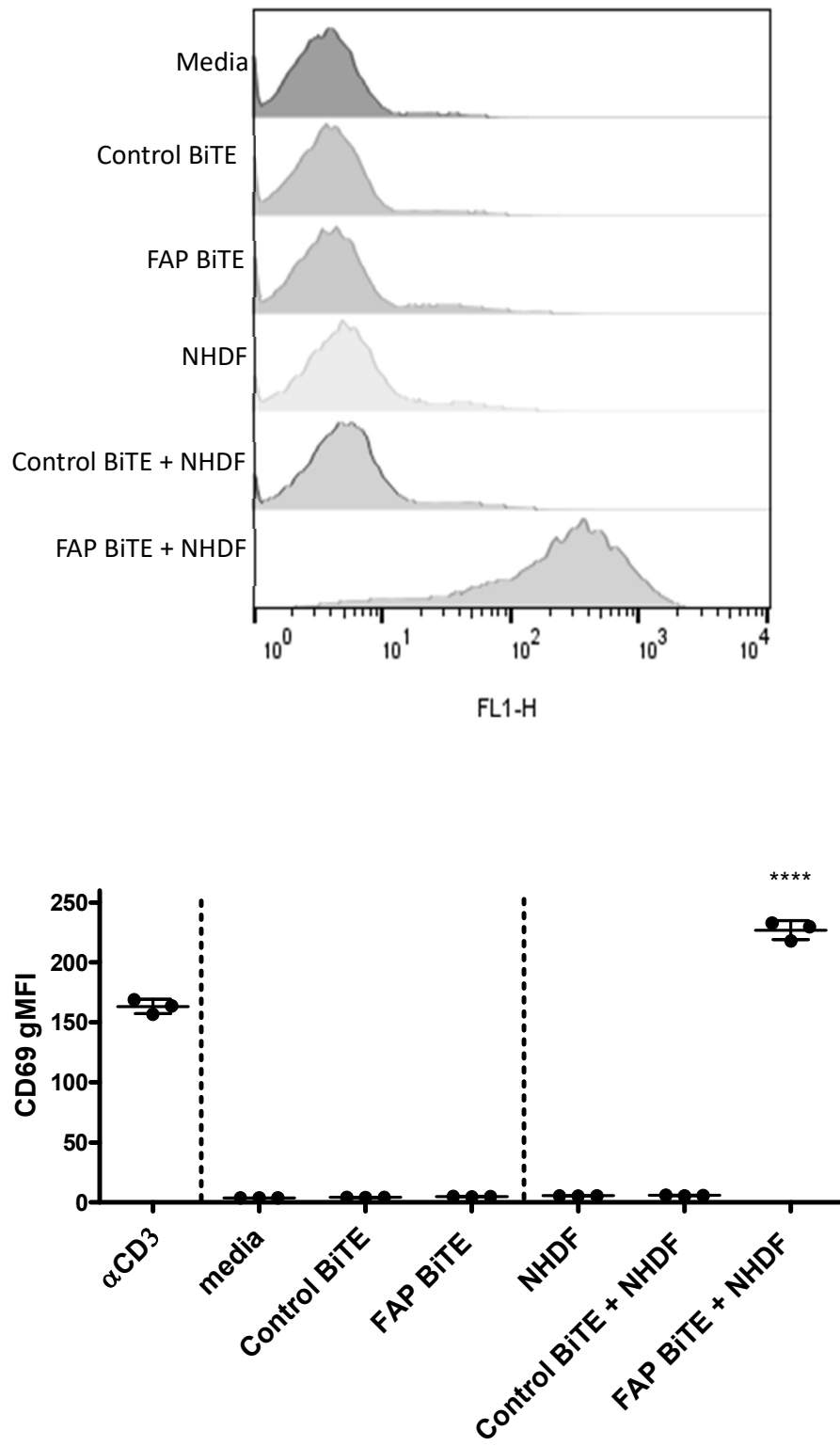
Figure 3A

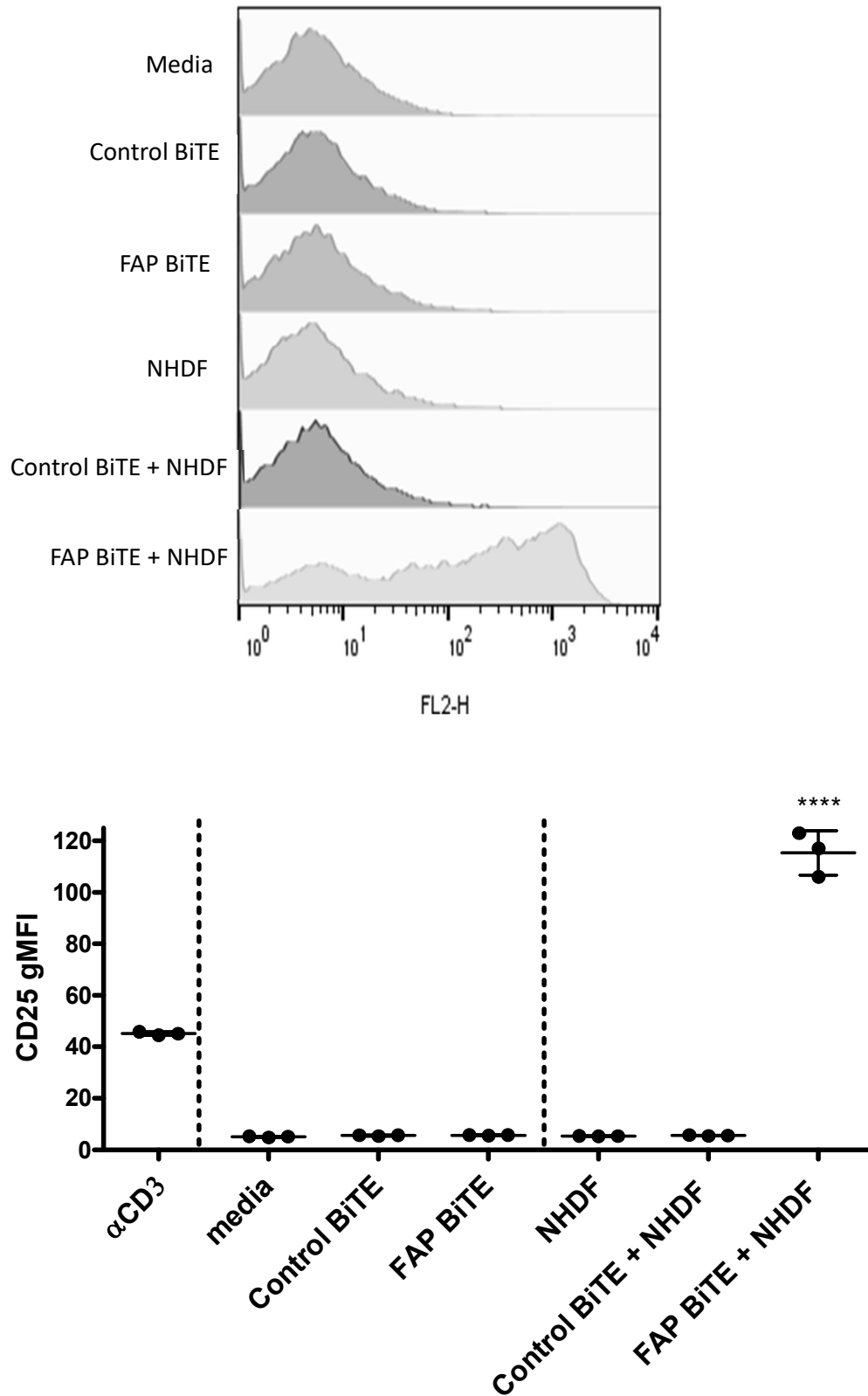
Figure 3B

Figure 4A

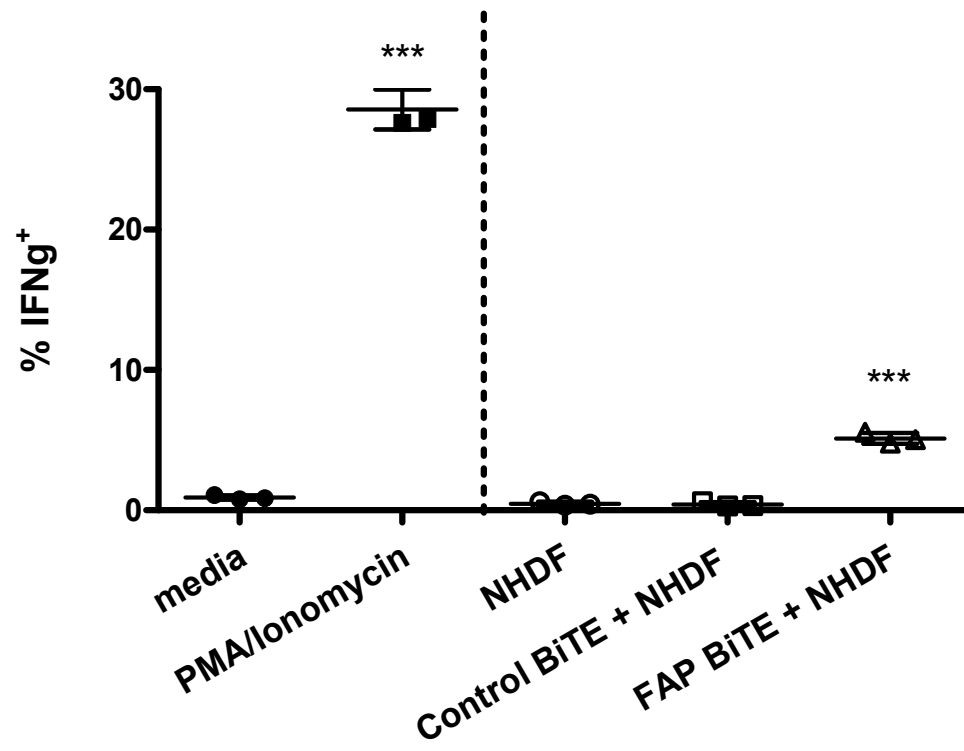


Figure 4B

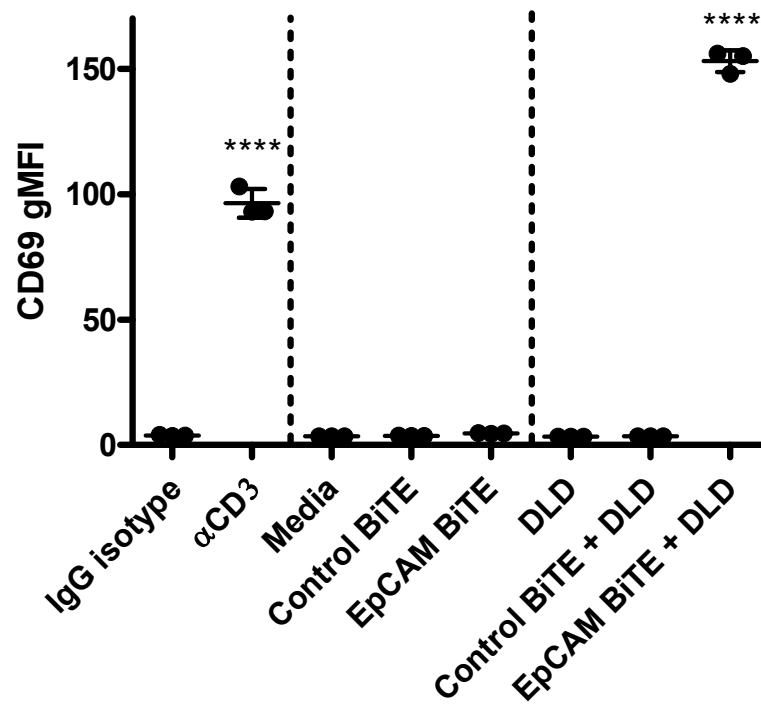


Figure 4C

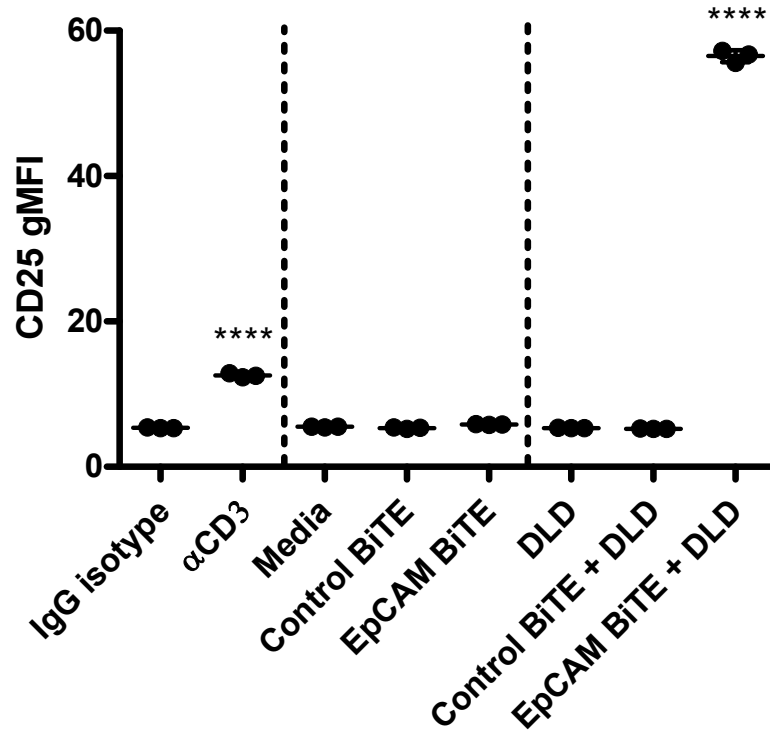


Figure 5A

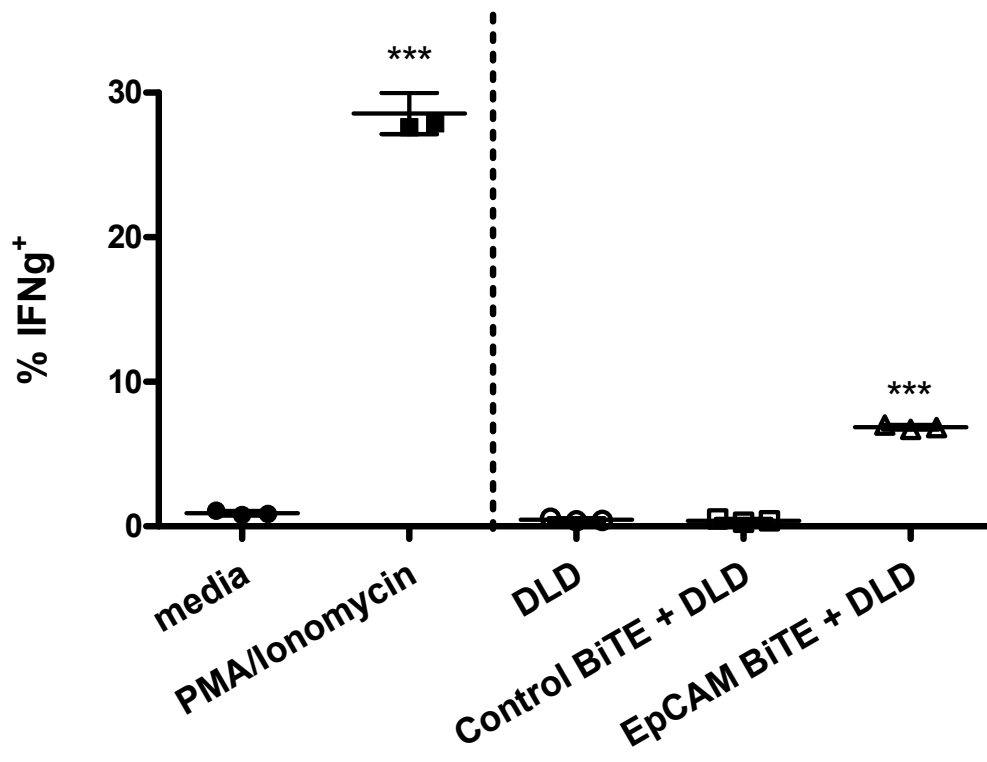


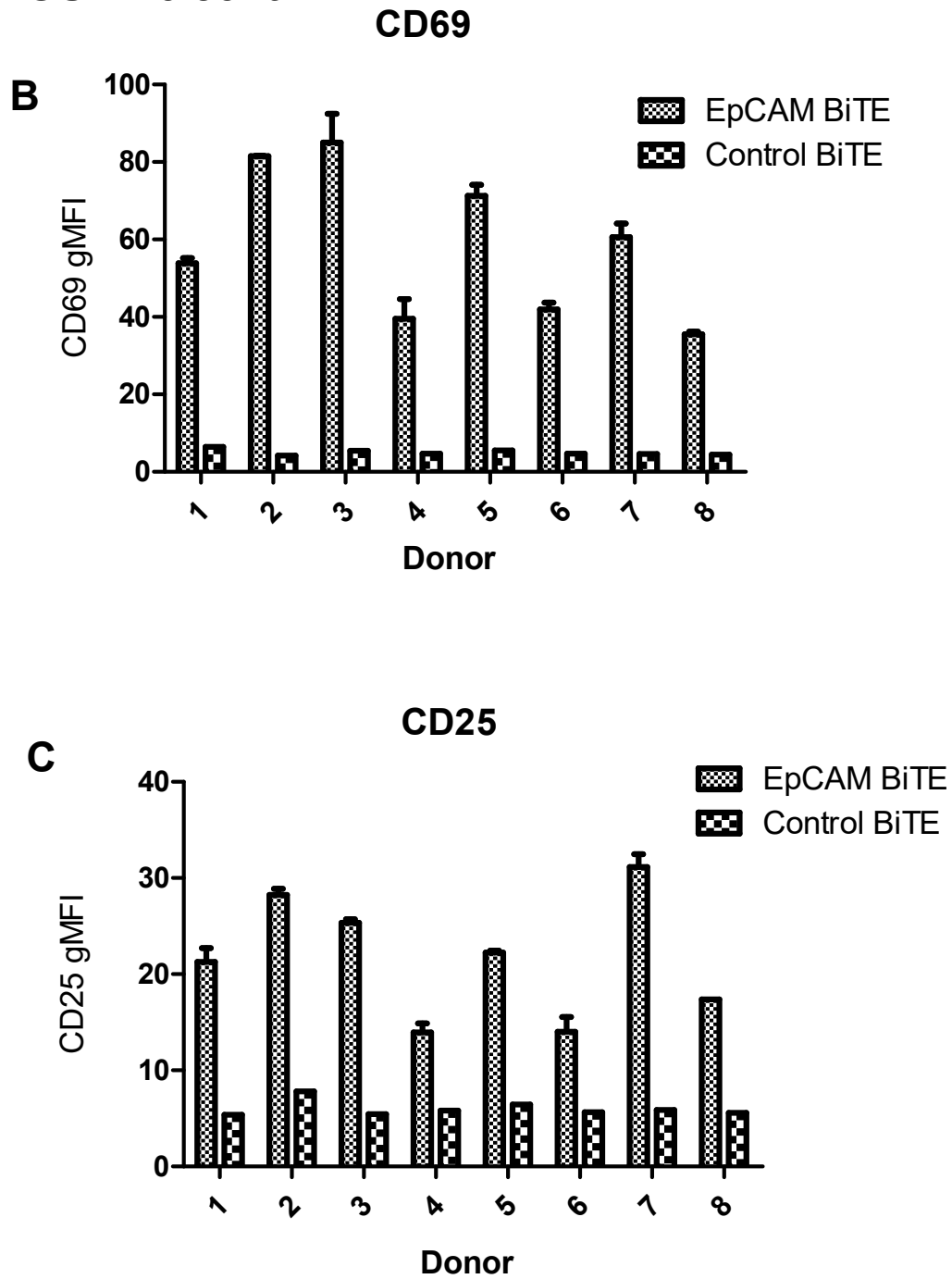
FIGURE 5 cont.

Figure 6

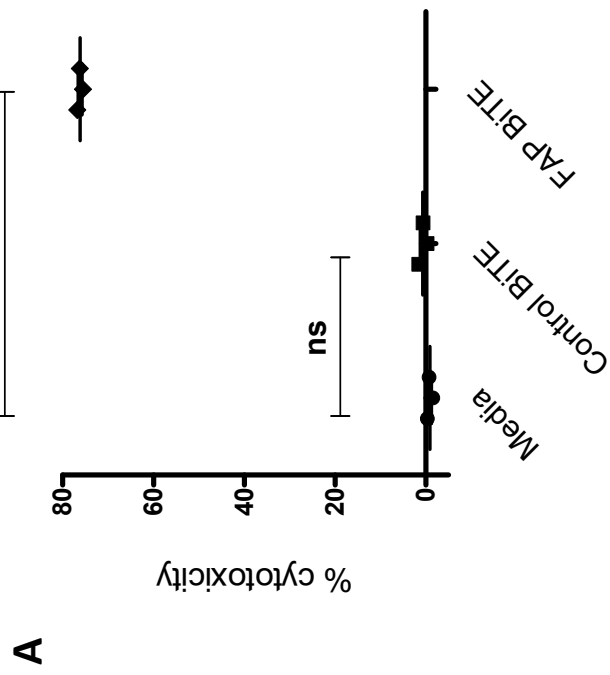
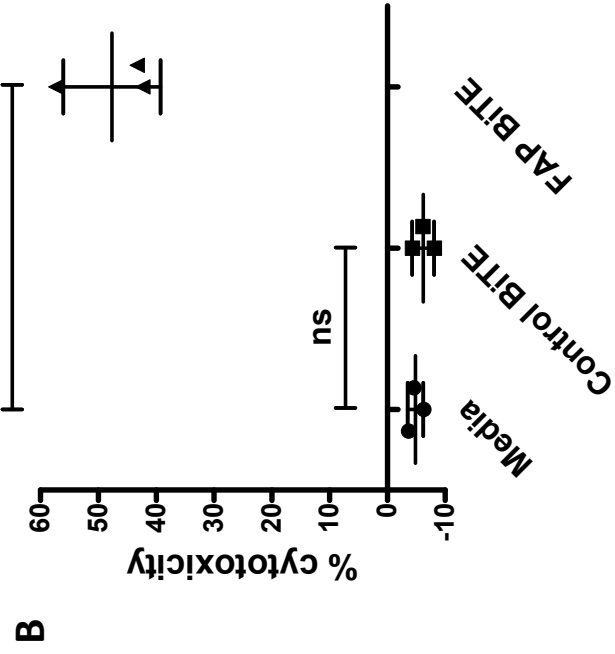
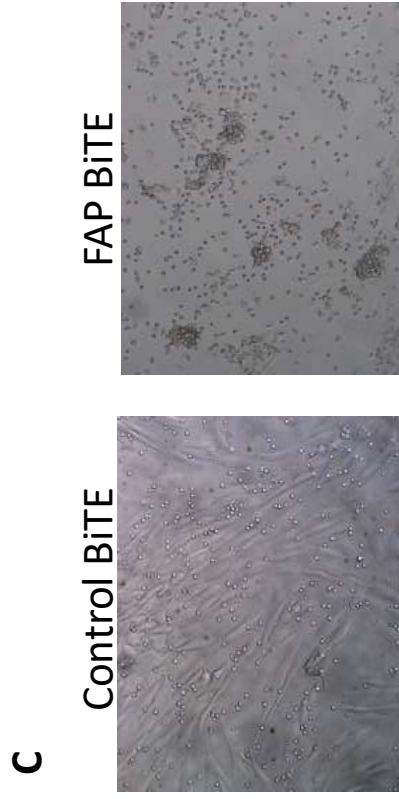
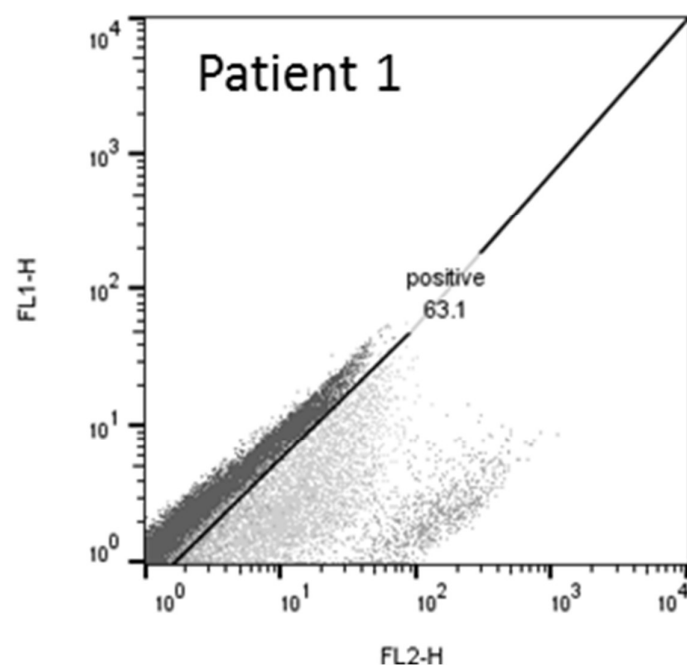
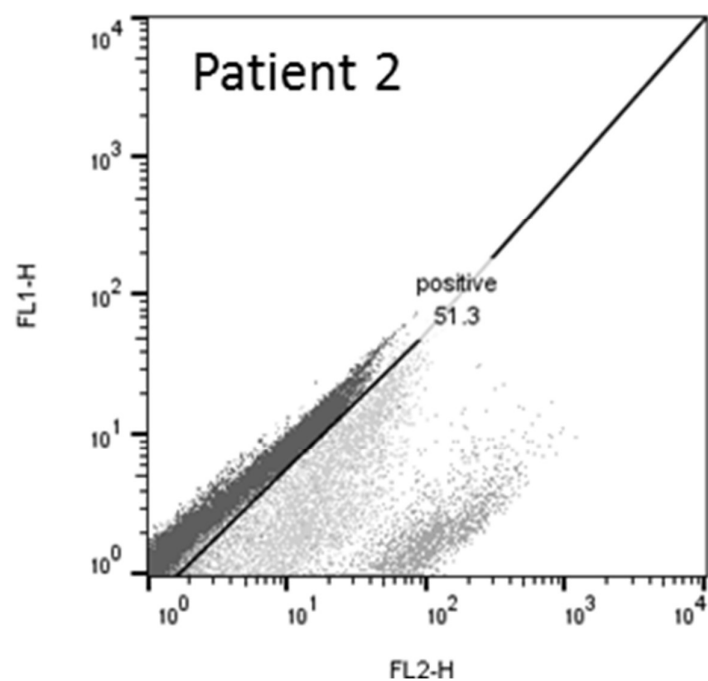


Figure 7A

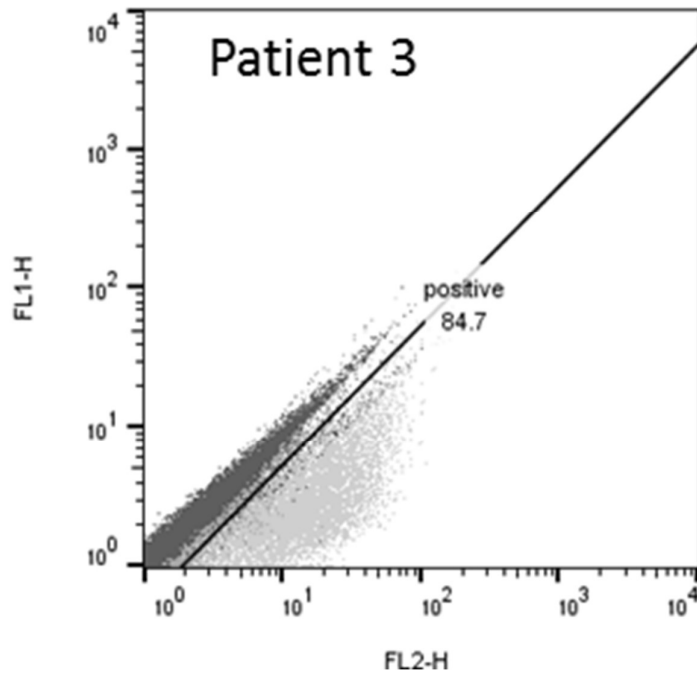


Sample Name	positive :: Freq. of Parent
Unstained	0.19
Isotype C	0.41
EpCAM BiTE	15.7
FAP BiTE	63.1

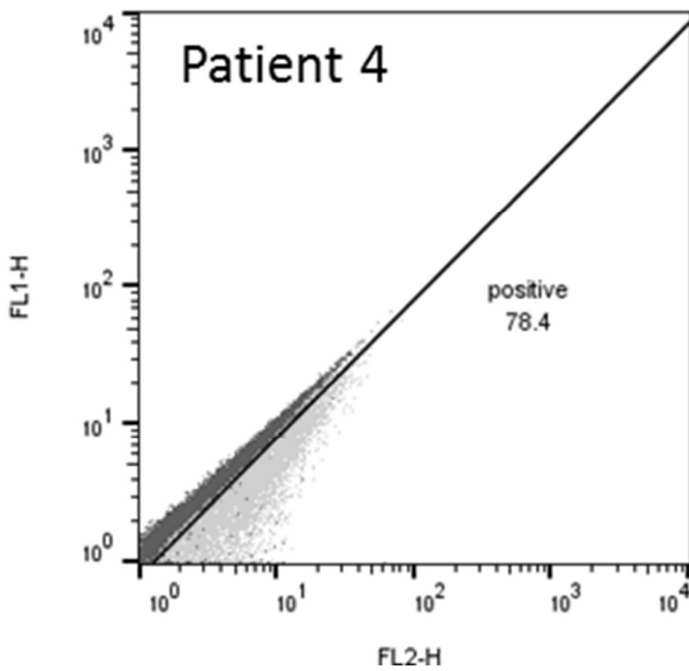


Sample Name	positive :: Freq. of Parent
Unstained	0.45
Isotype C	0.56
EpCAM BiTE	23.9
FAP BiTE	51.3

Figure 7A cont.



Sample Name	positive :: Freq. of Parent
Unstained	1.06
Isotype C	1.12
EpCAM BiTE	4.48
FAP BiTE	84.7



Sample Name	positive :: Freq. of Parent
Unstained	0.78
Isotype C	0.22
EpCAM BiTE	0.37
FAP BiTE	78.4

Figure 7B

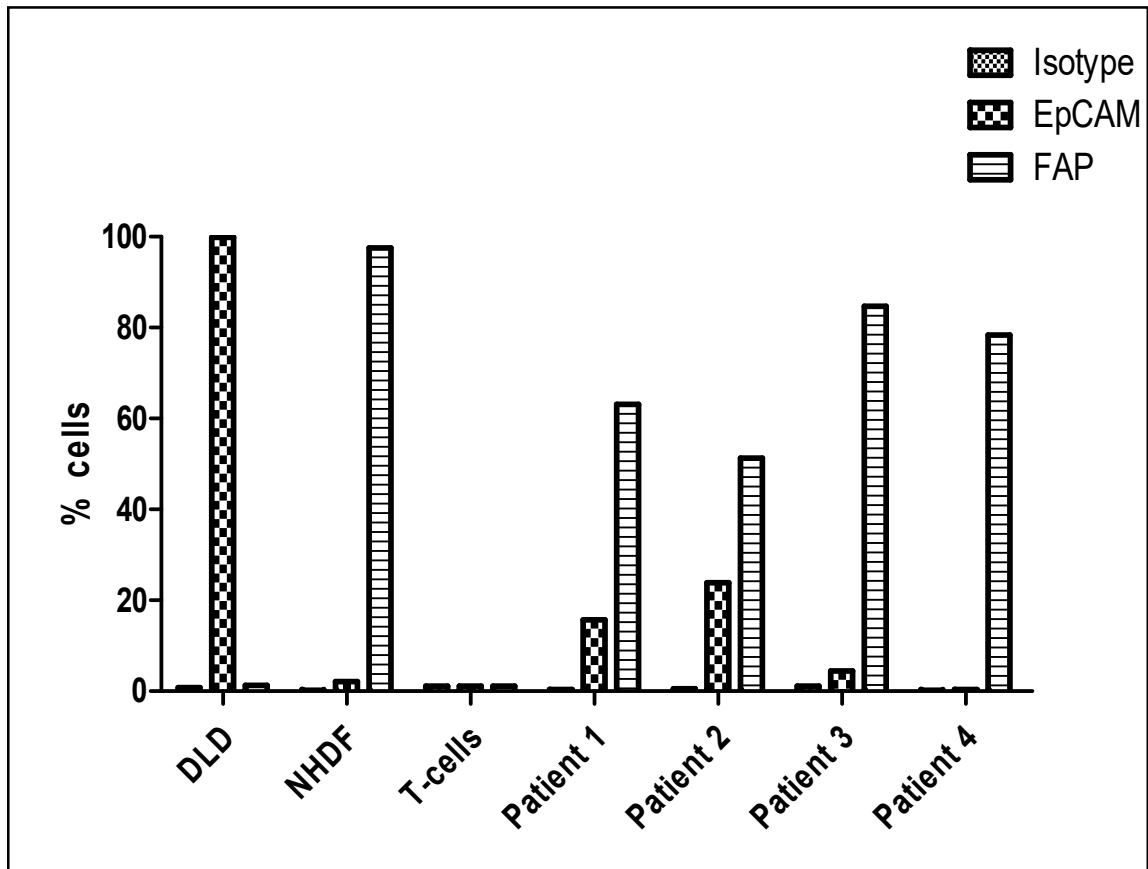


Figure 8A

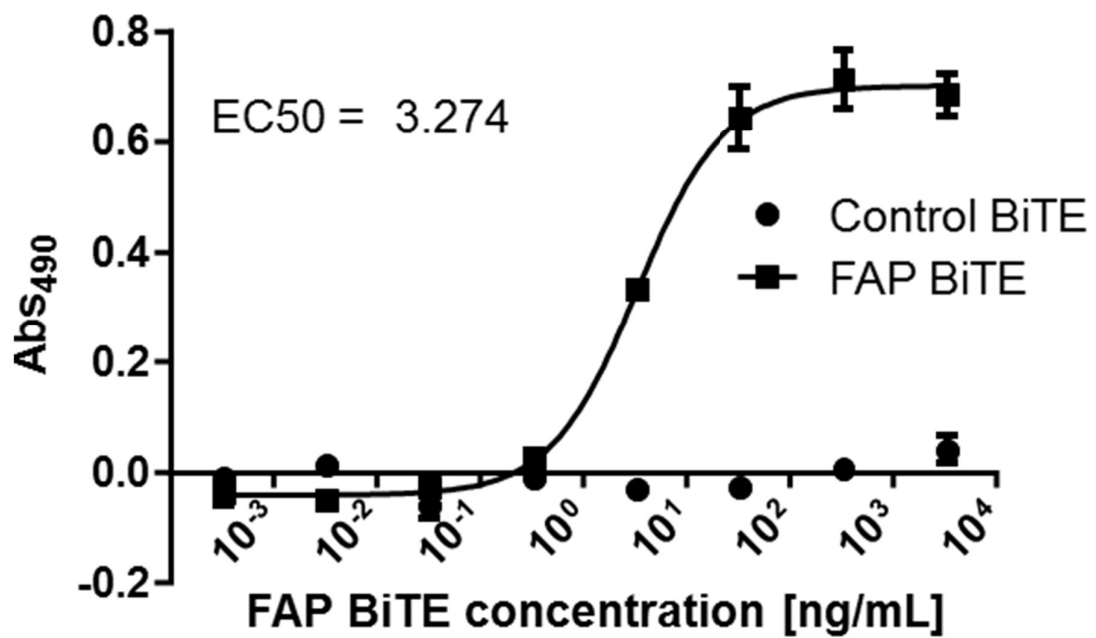


Figure 8B

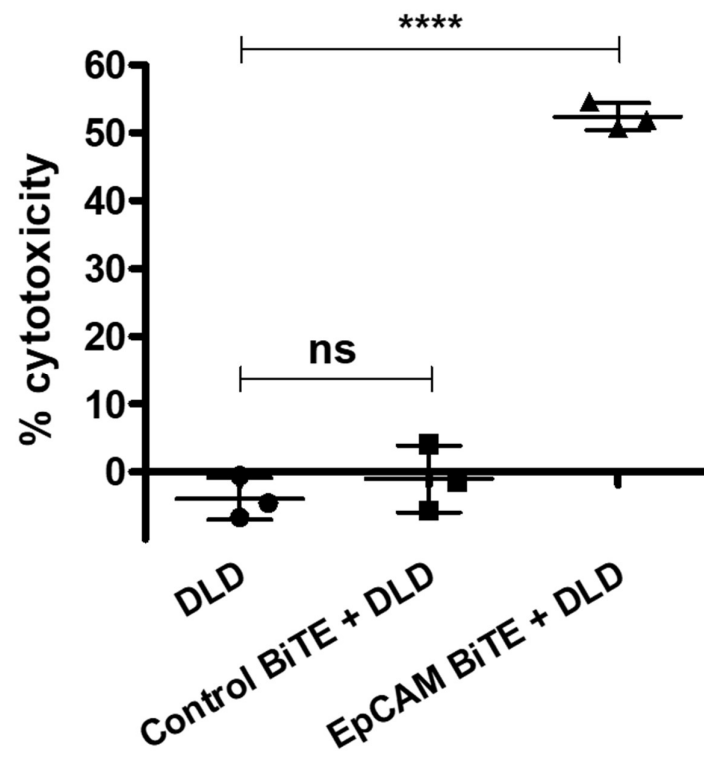
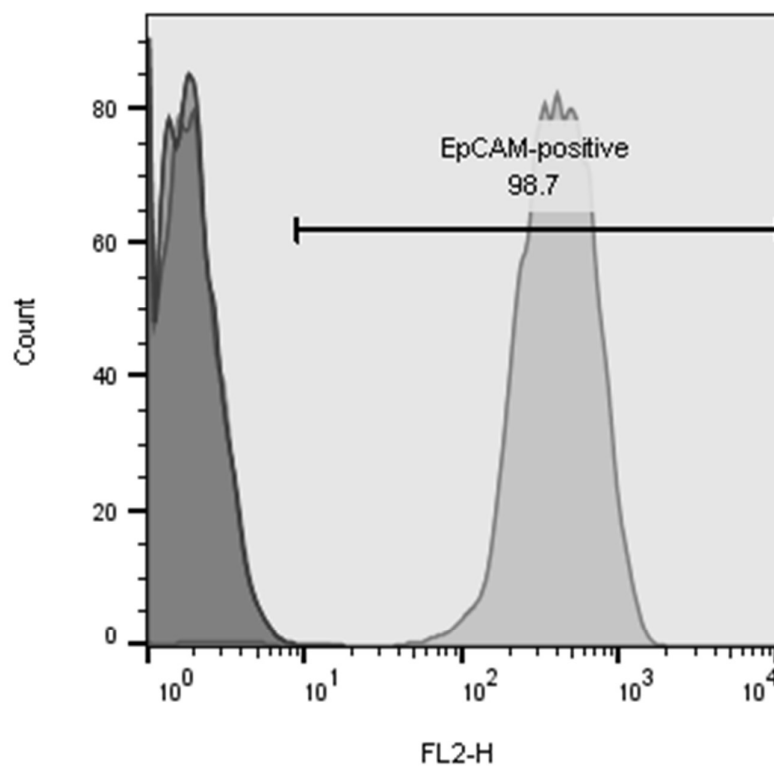


Figure 8C



	Sample Name	EpCAM-positive :: Freq. of Parent	Geometric Mean : FL2-H
	[DLD unstained.021]	0.40	1.77
	[DLD iso.022]	0.36	1.81
	[DLD ep.023]	98.7	361

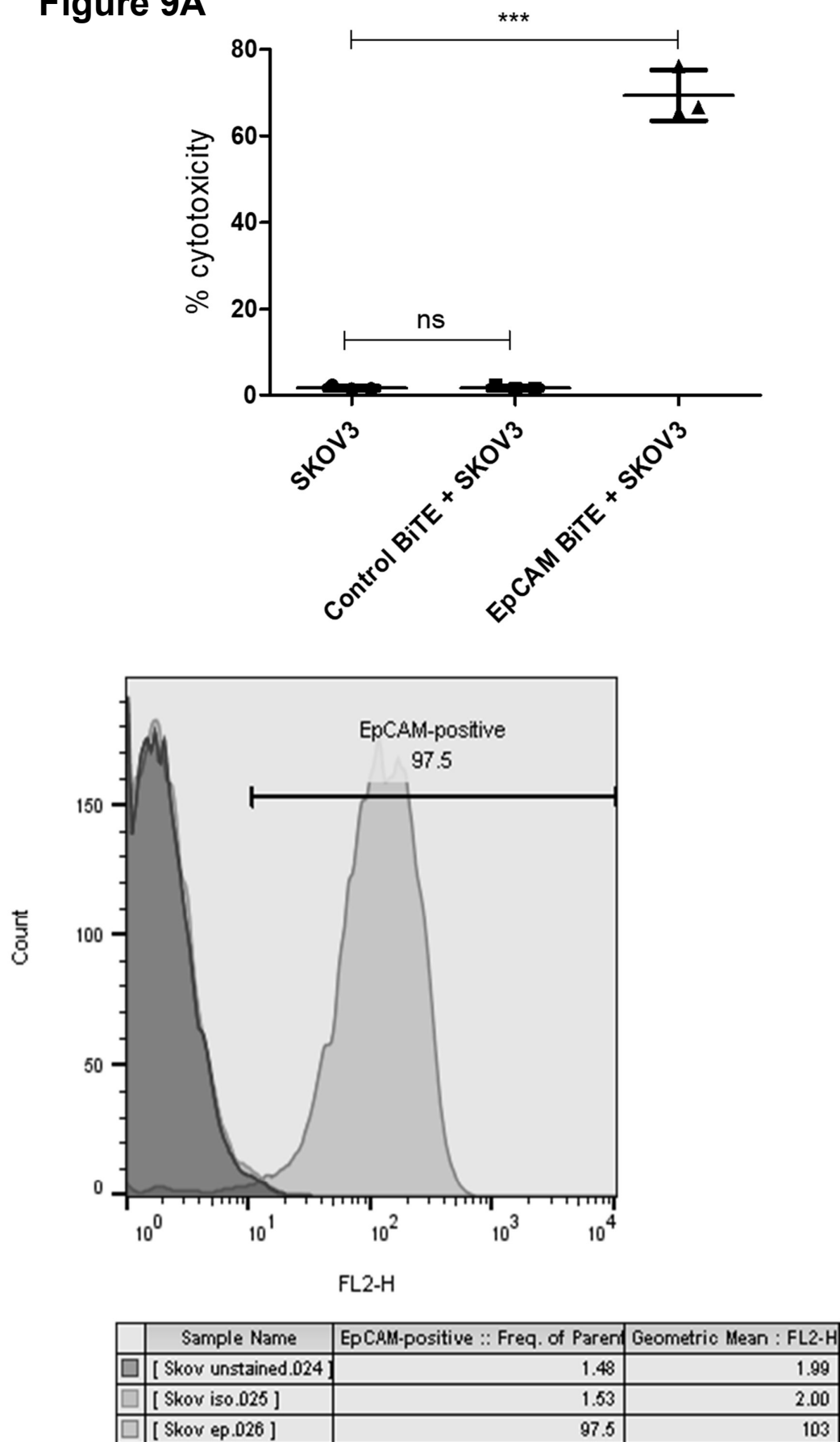
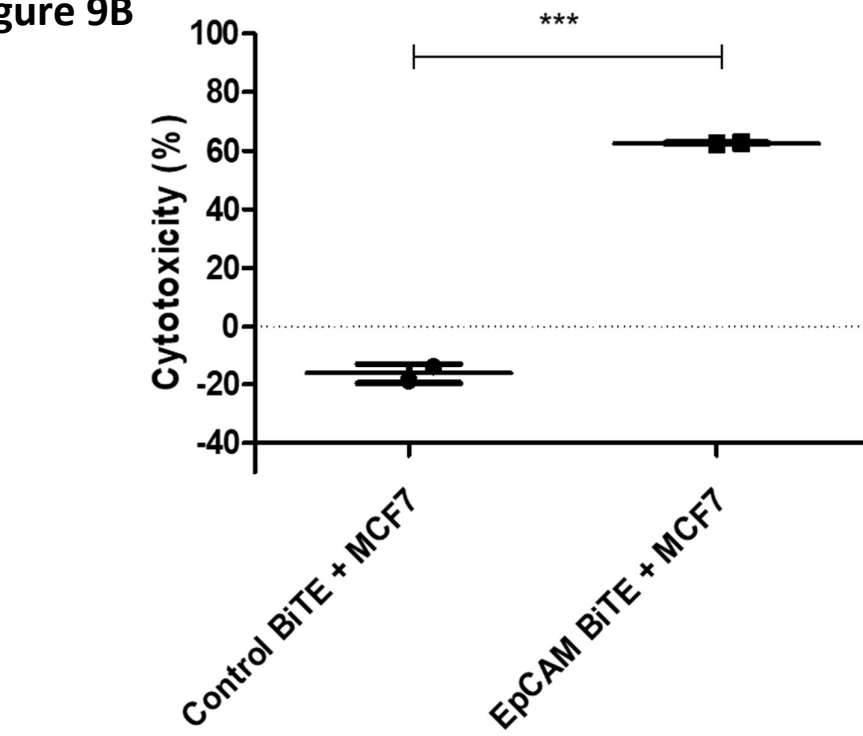
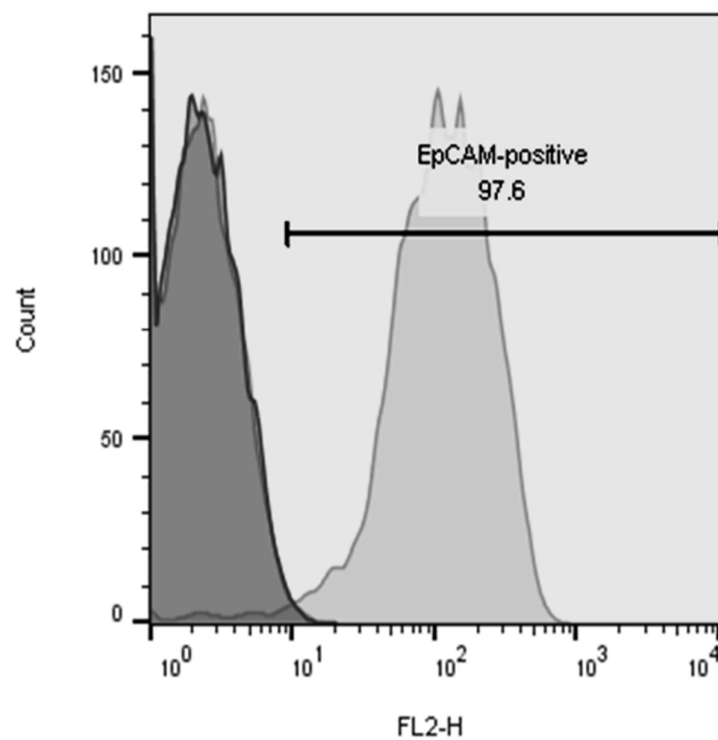
Figure 9A

Figure 9B



	Sample Name	EpCAM-positive :: Freq. of Parent	Geometric Mean : FL2-H
■	[MCF7 unstained.018]	0.84	2.24
□	[MCF7 iso.019]	0.86	2.21
■	[MCF7 ep.020]	97.6	101

Figure 10

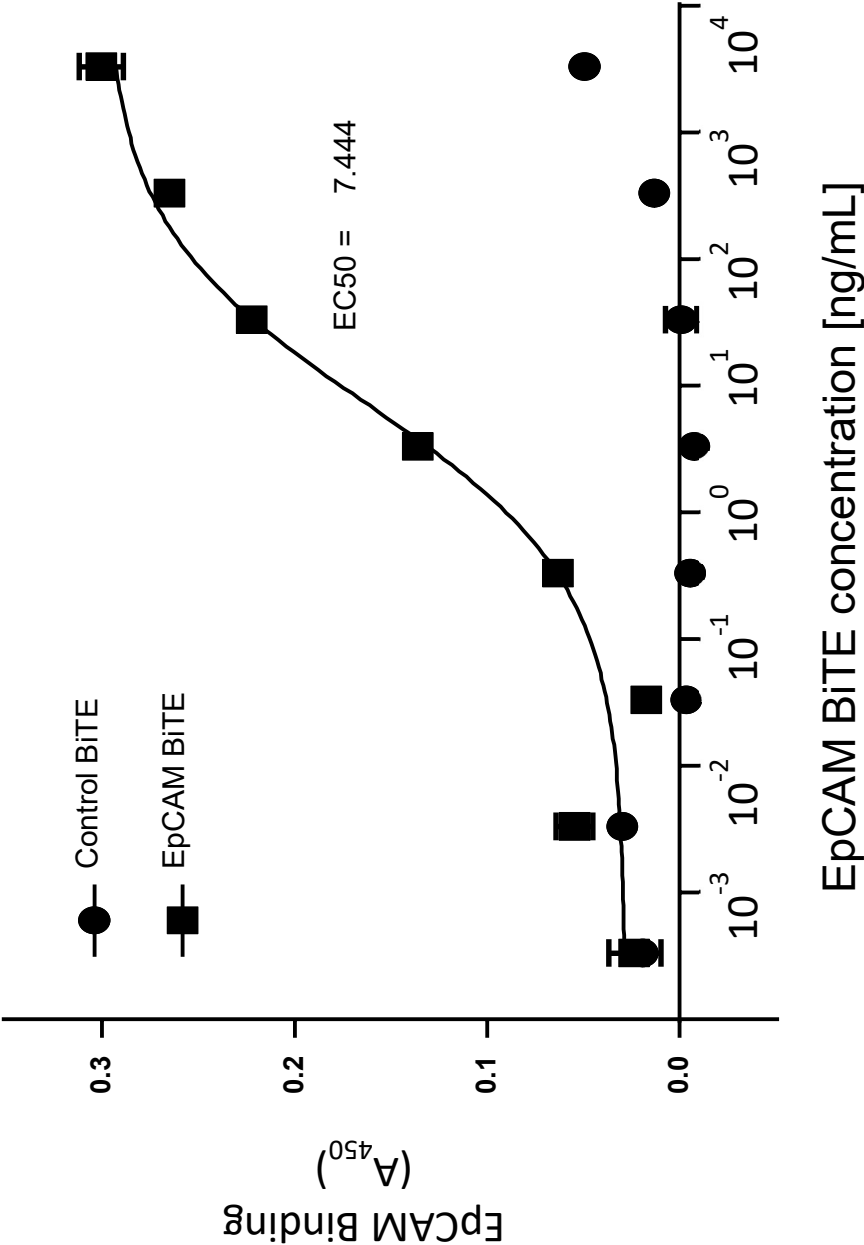


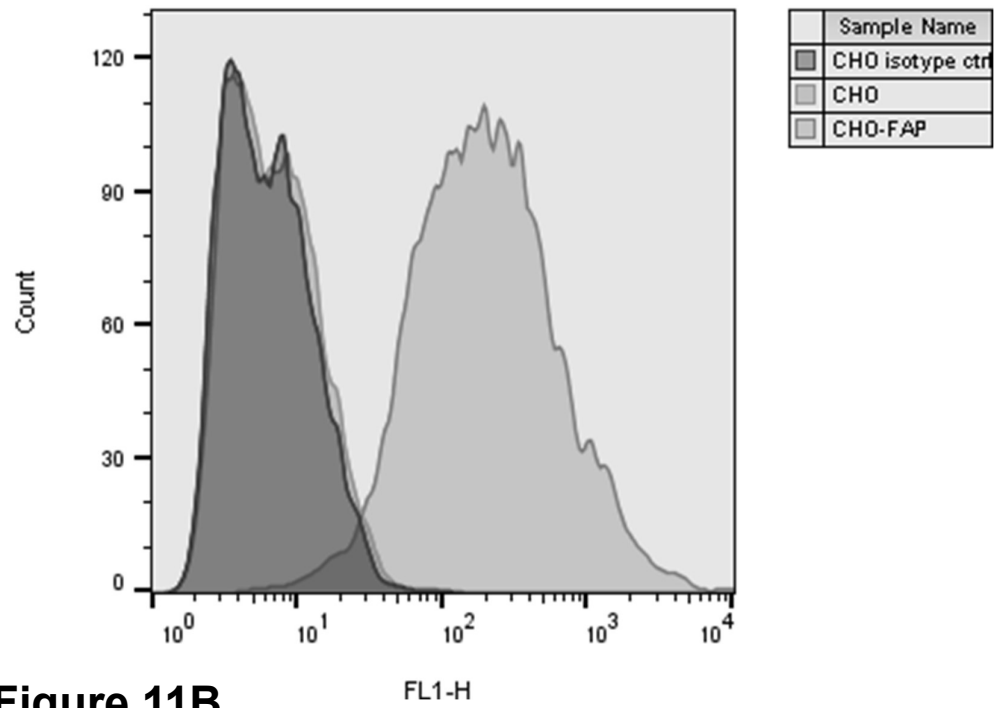
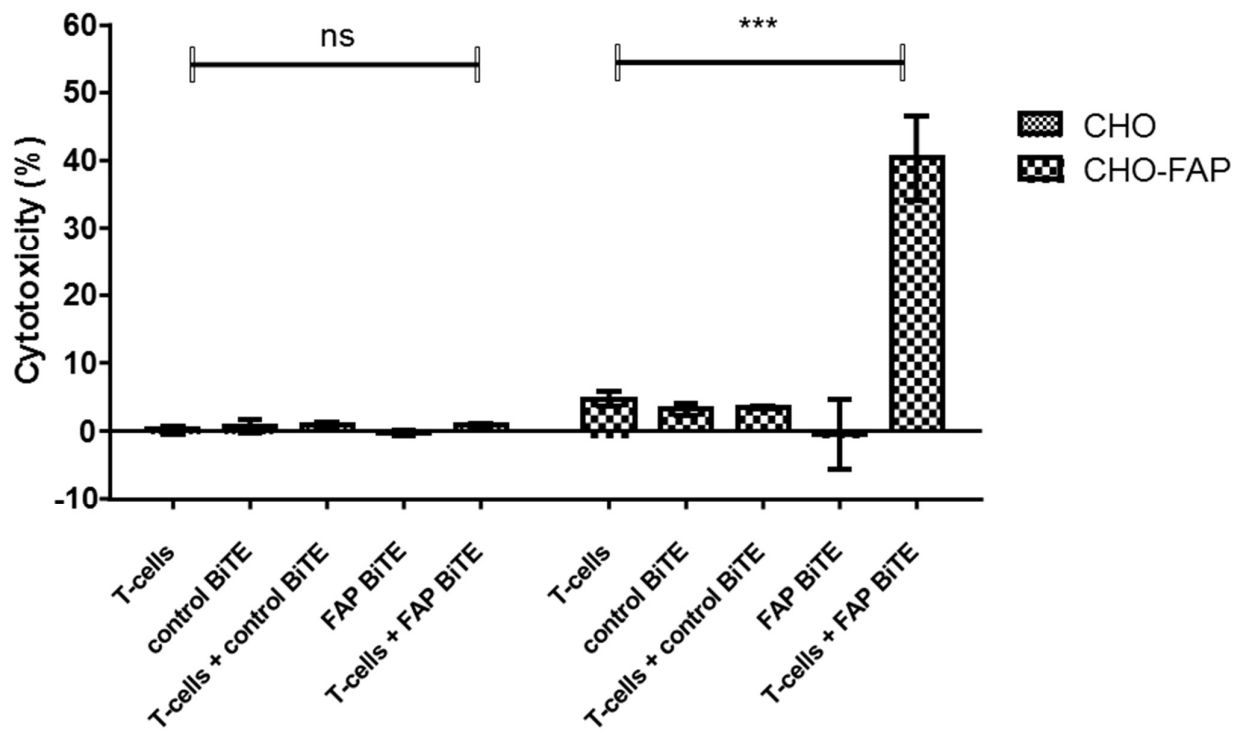
Figure 11A**Figure 11B**

Figure 12

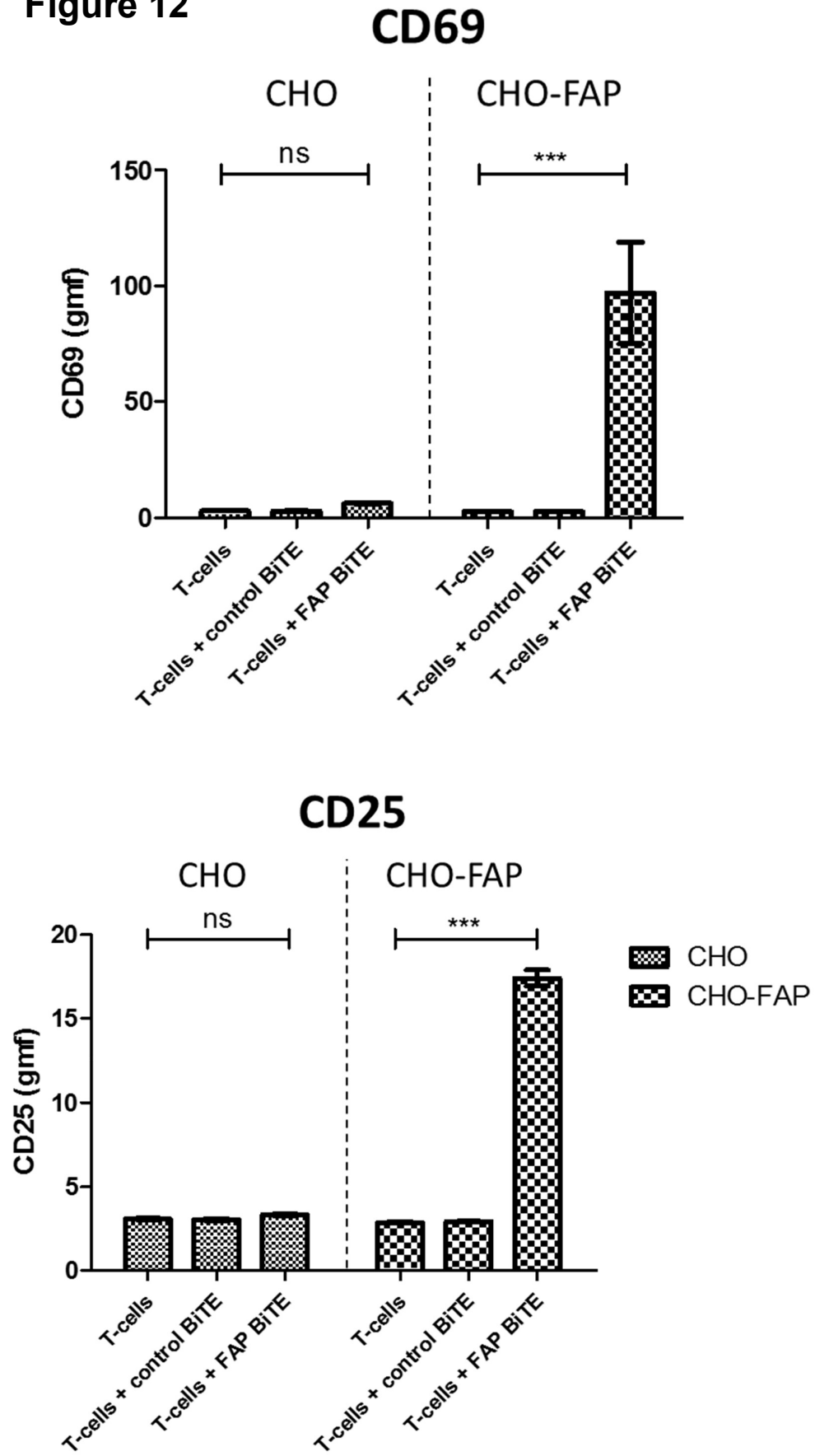
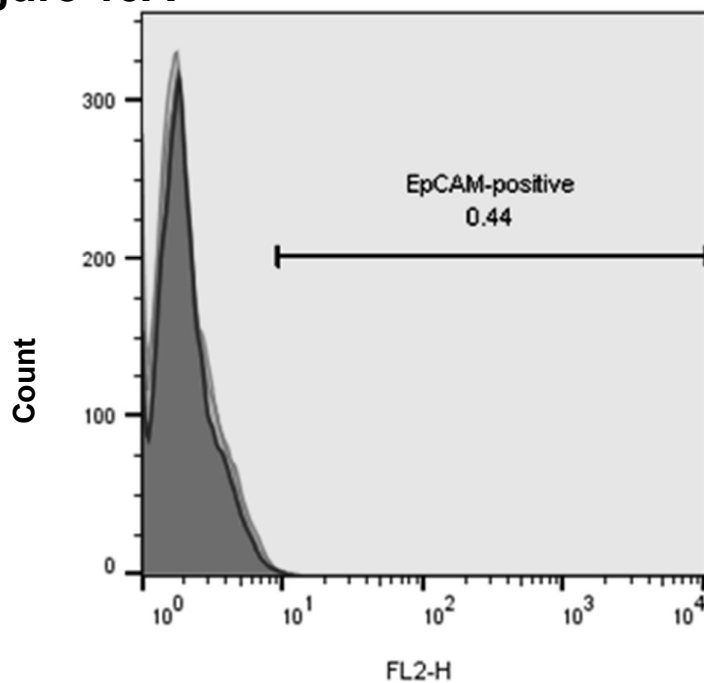
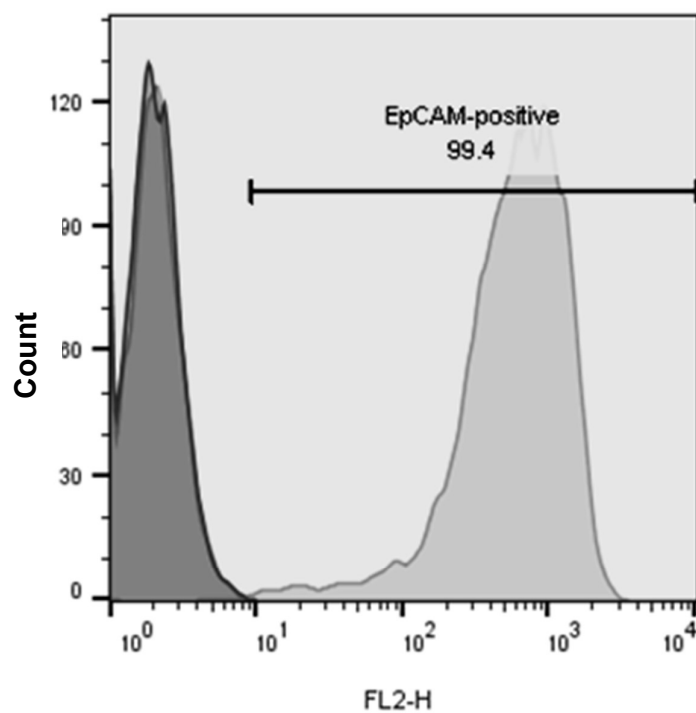


Figure 13A



	Sample Name	EpCAM-positive :: Freq. of Parent	Geometric Mean : FL2-H
	[CHO unstained.036]	0.38	2.06
	[CHO iso.037]	0.42	2.08
	[CHO ep.038]	0.44	2.02



	Sample Name	EpCAM-positive :: Freq. of Parent	Geometric Mean : FL2-H
	[CHO-epcam unstained.039]	0.093	2.03
	[CHO-epcam iso.040]	0.15	2.05
	[CHO-epcam ep.041]	99.4	513

Figure 13B

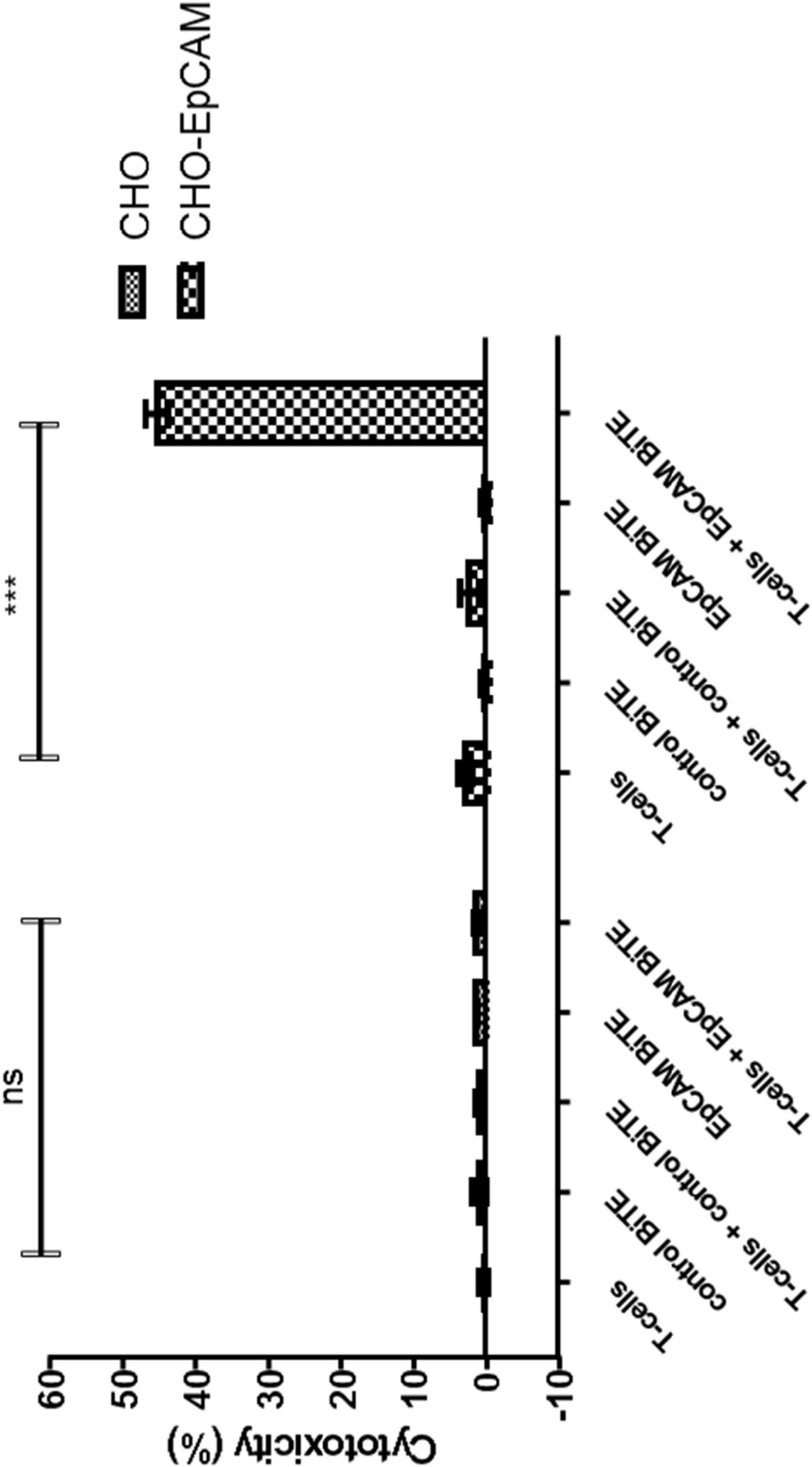


Figure 14

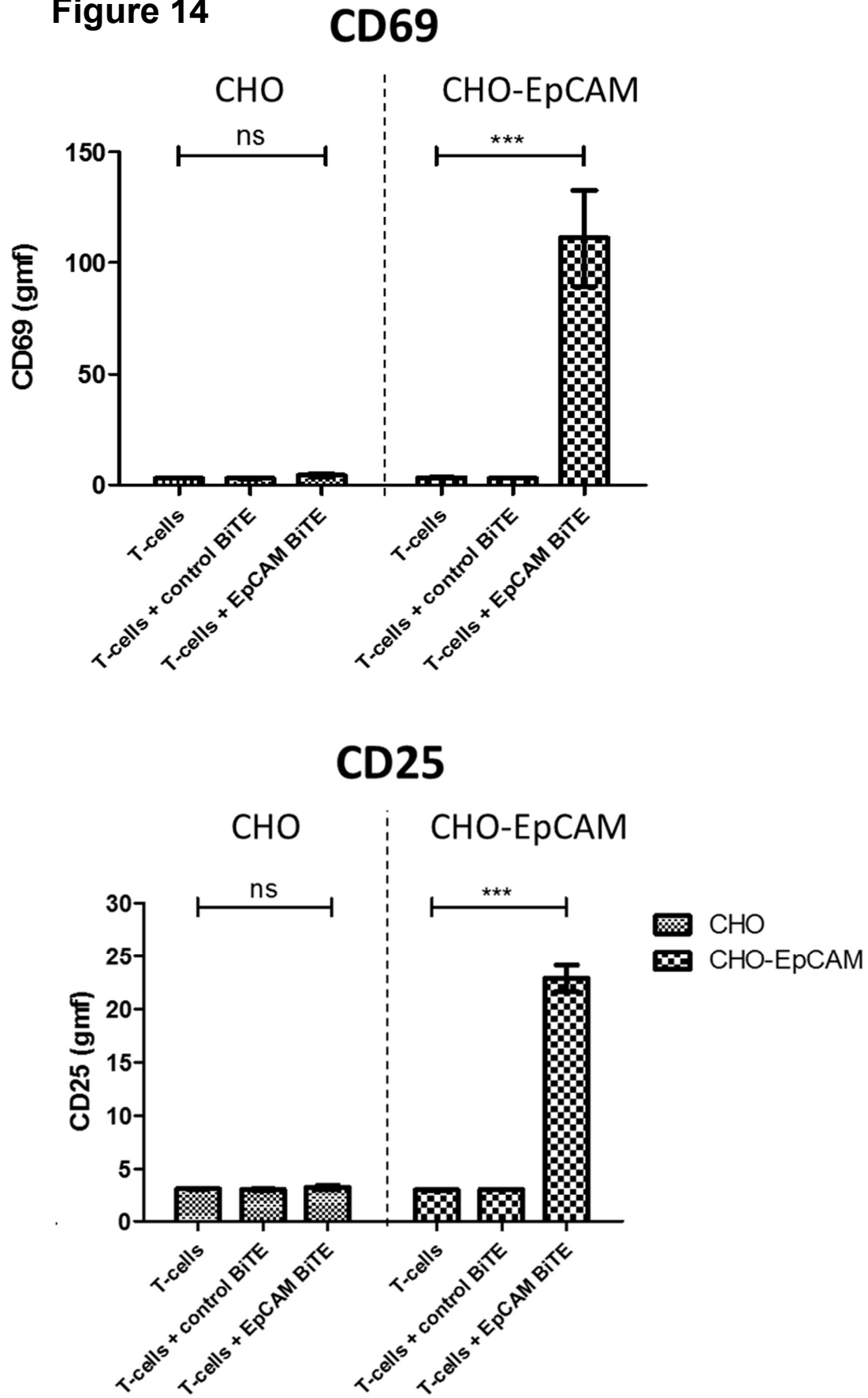


Figure 15

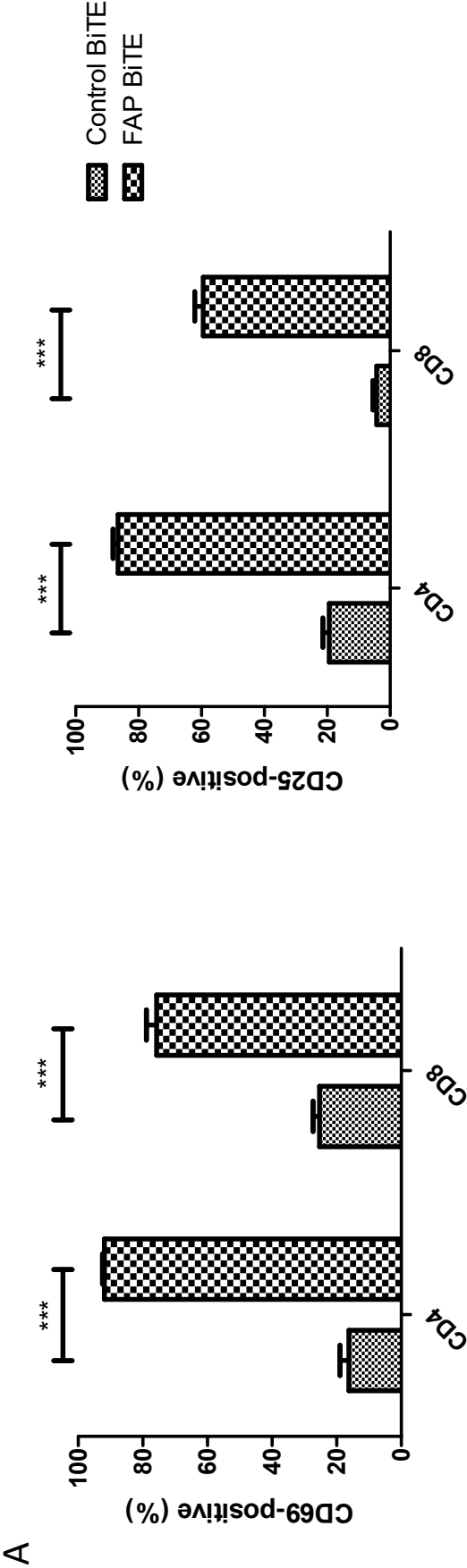
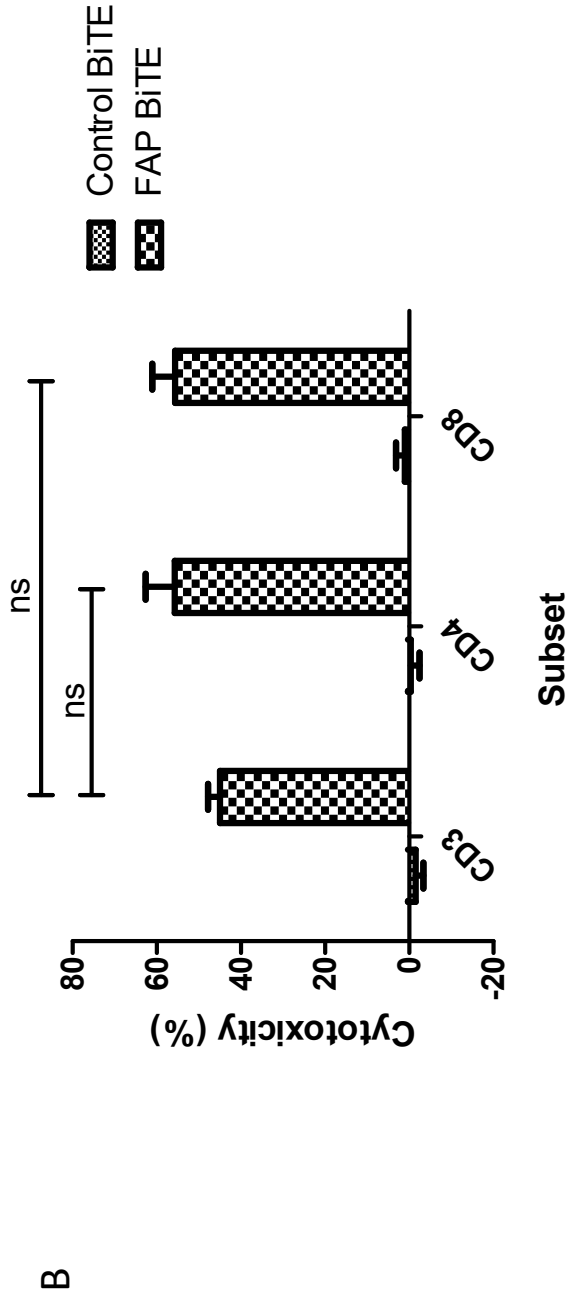


Figure 16

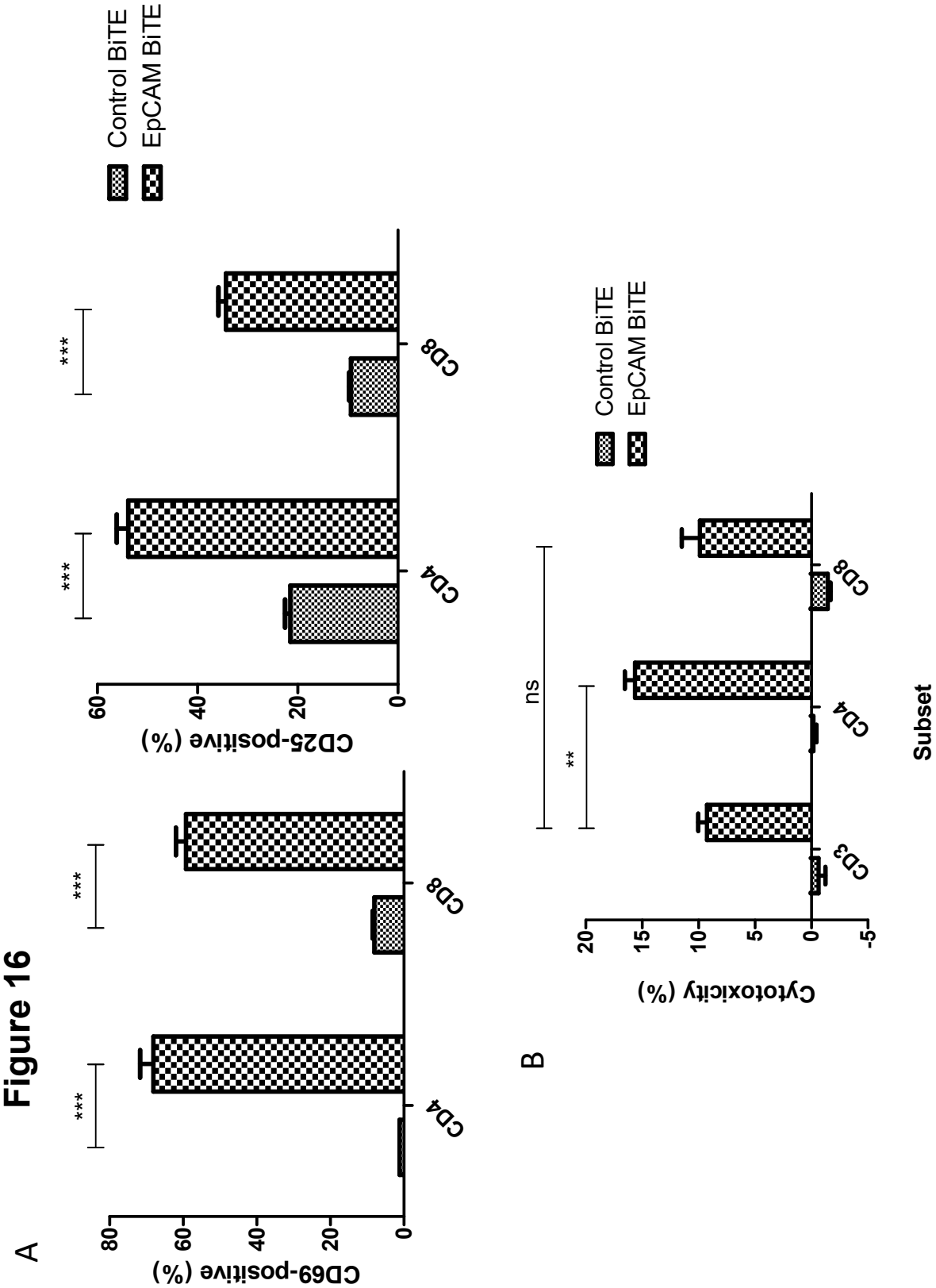


Figure 17

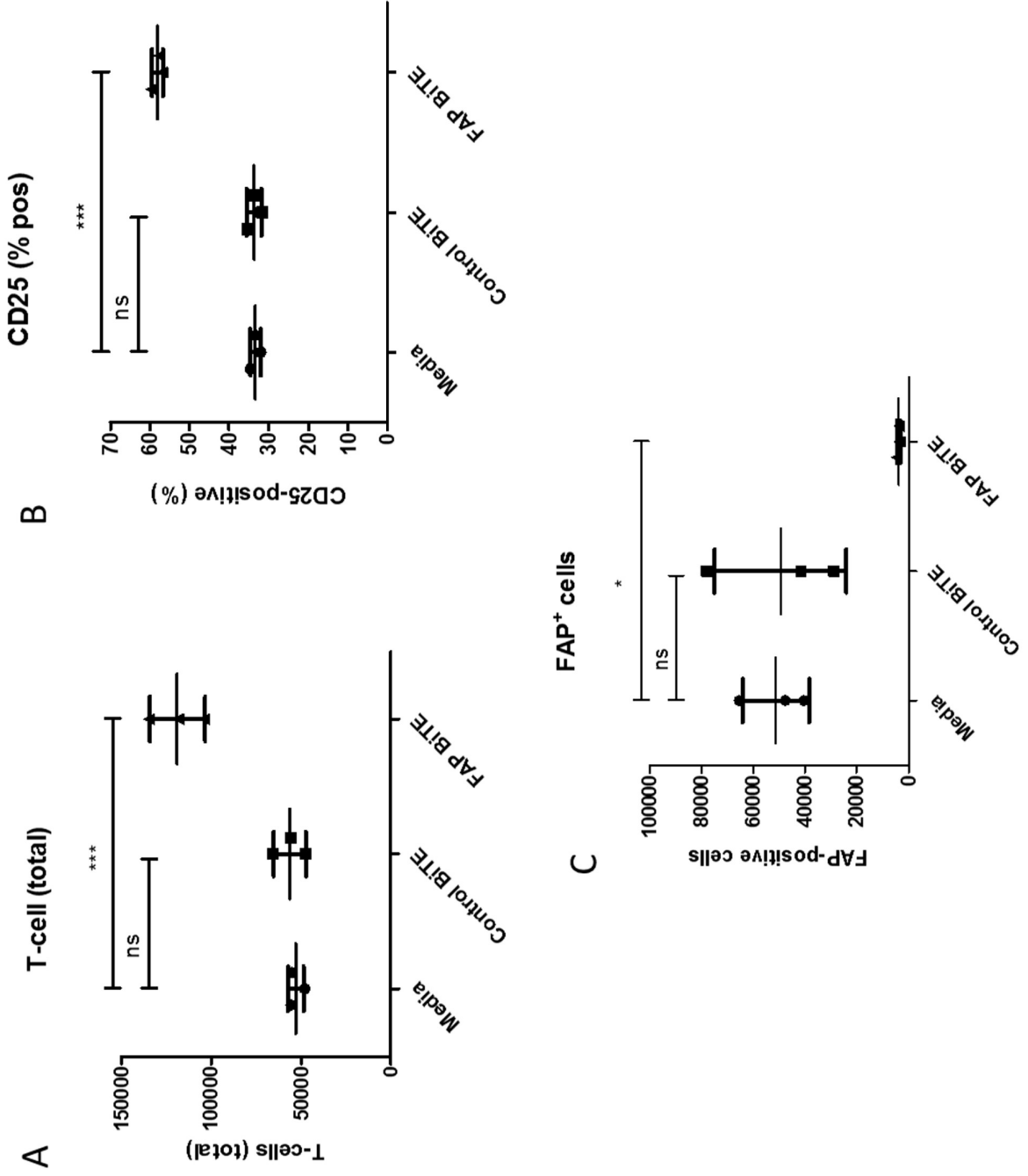


Figure 18

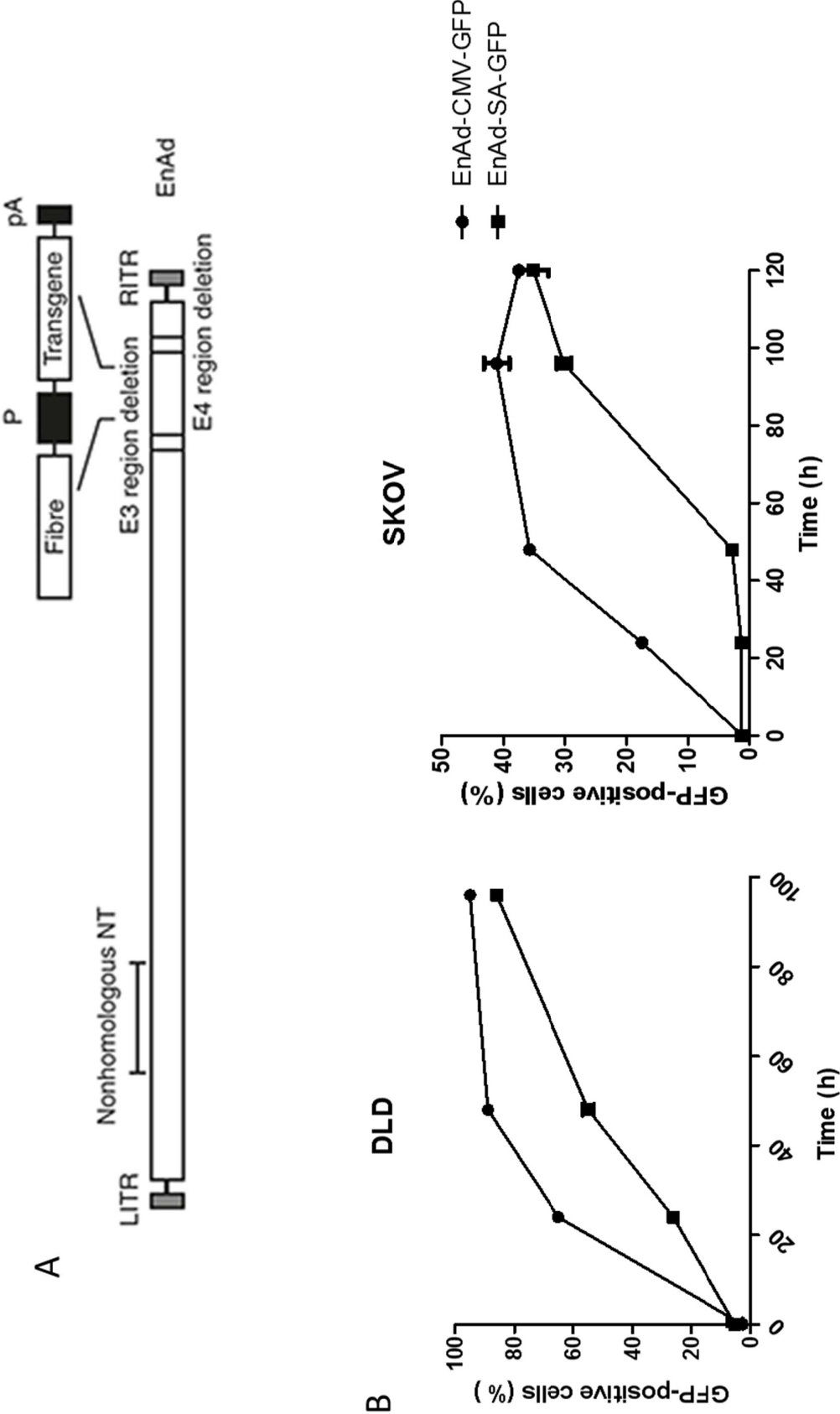


Figure 19

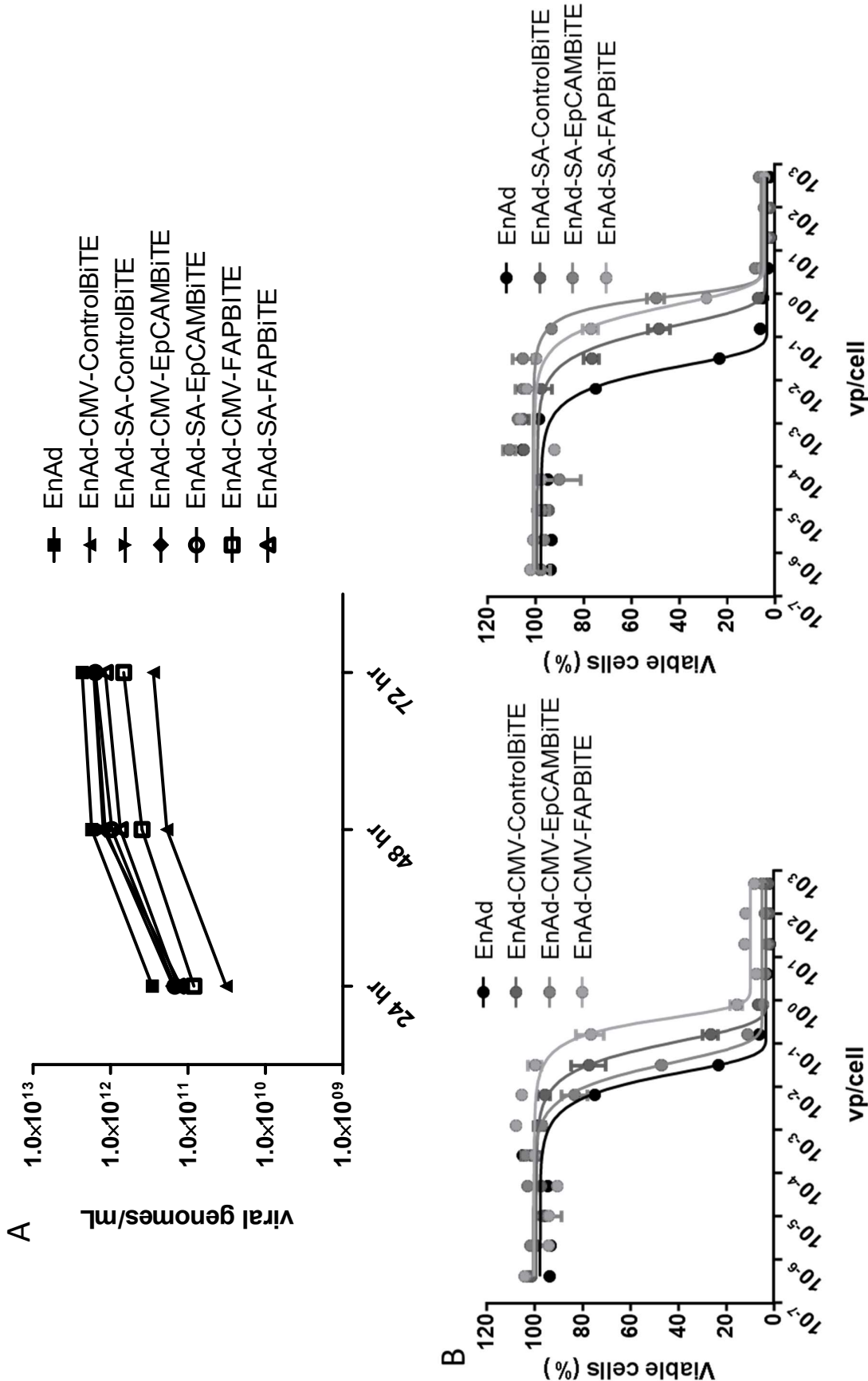


Figure 20A

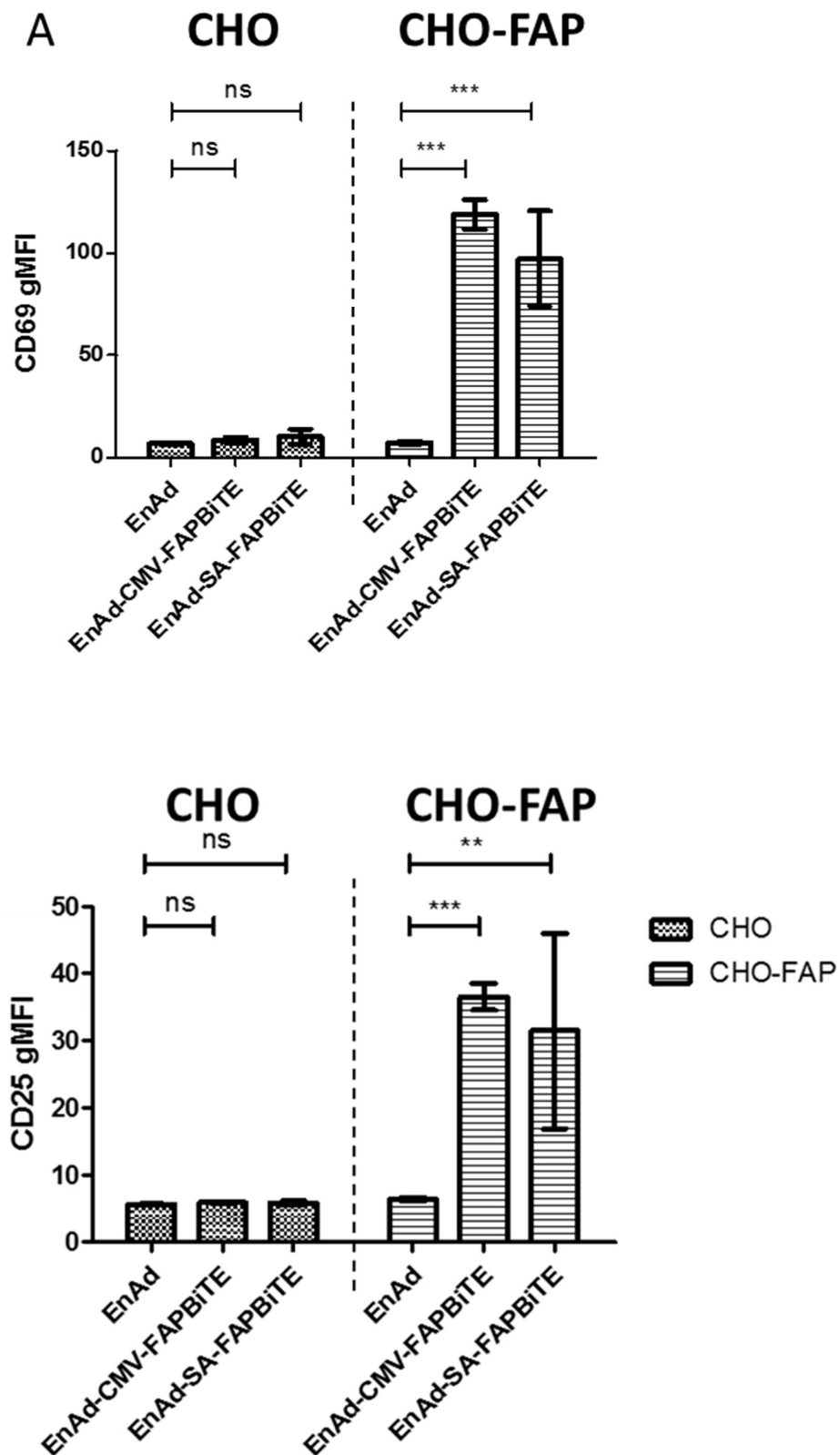


Figure 20B

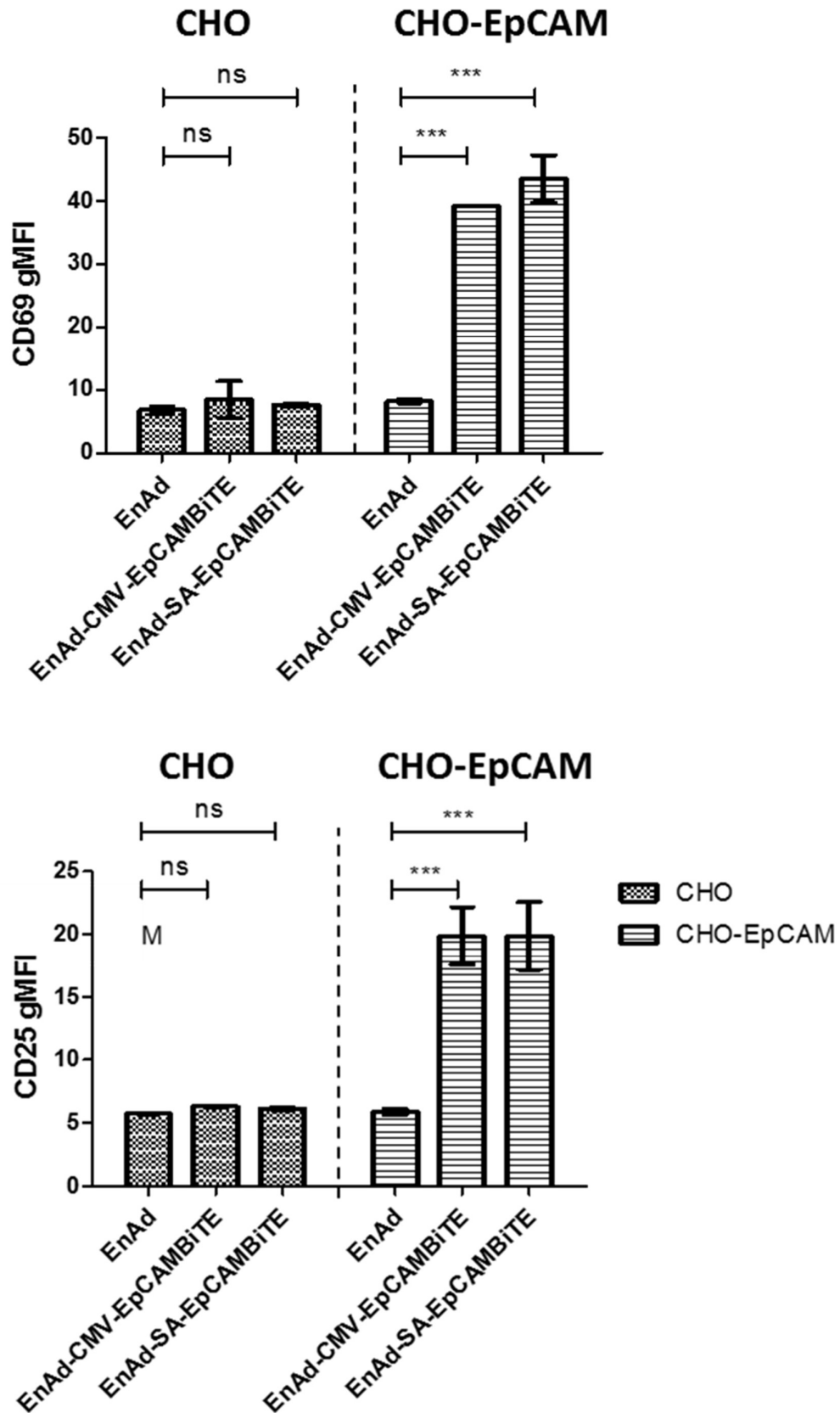


Figure 21

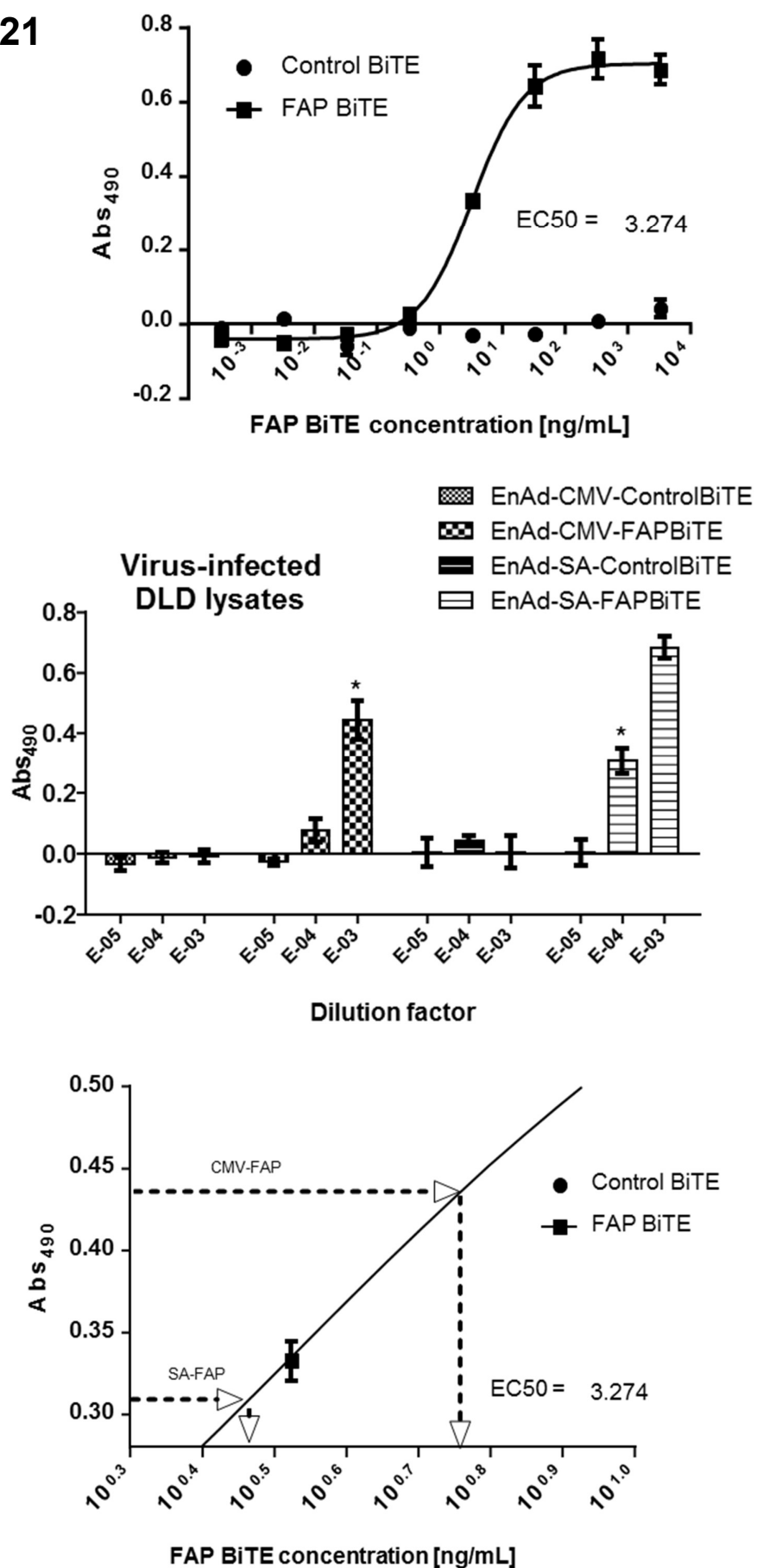


Figure 22

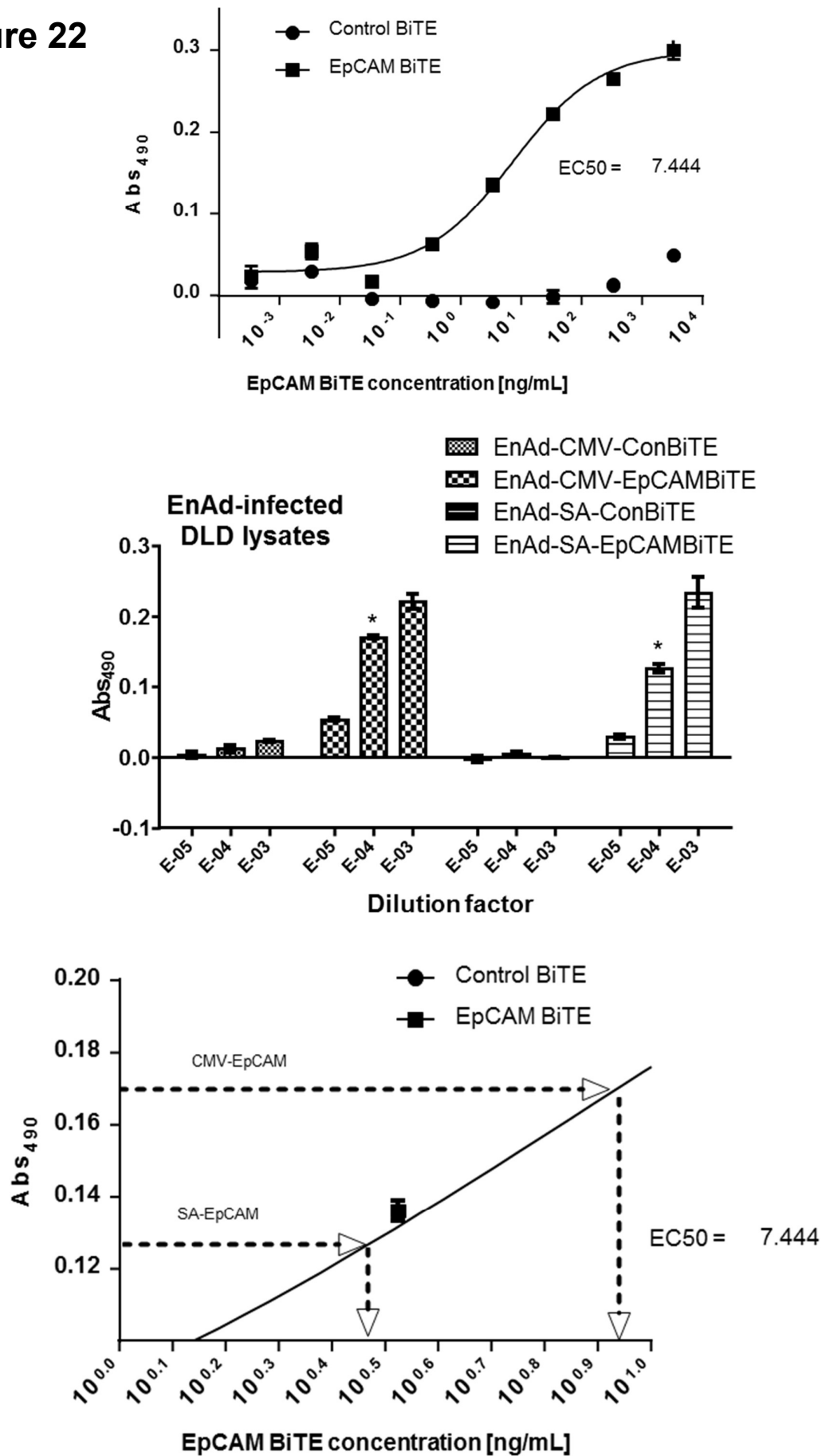


Figure 23

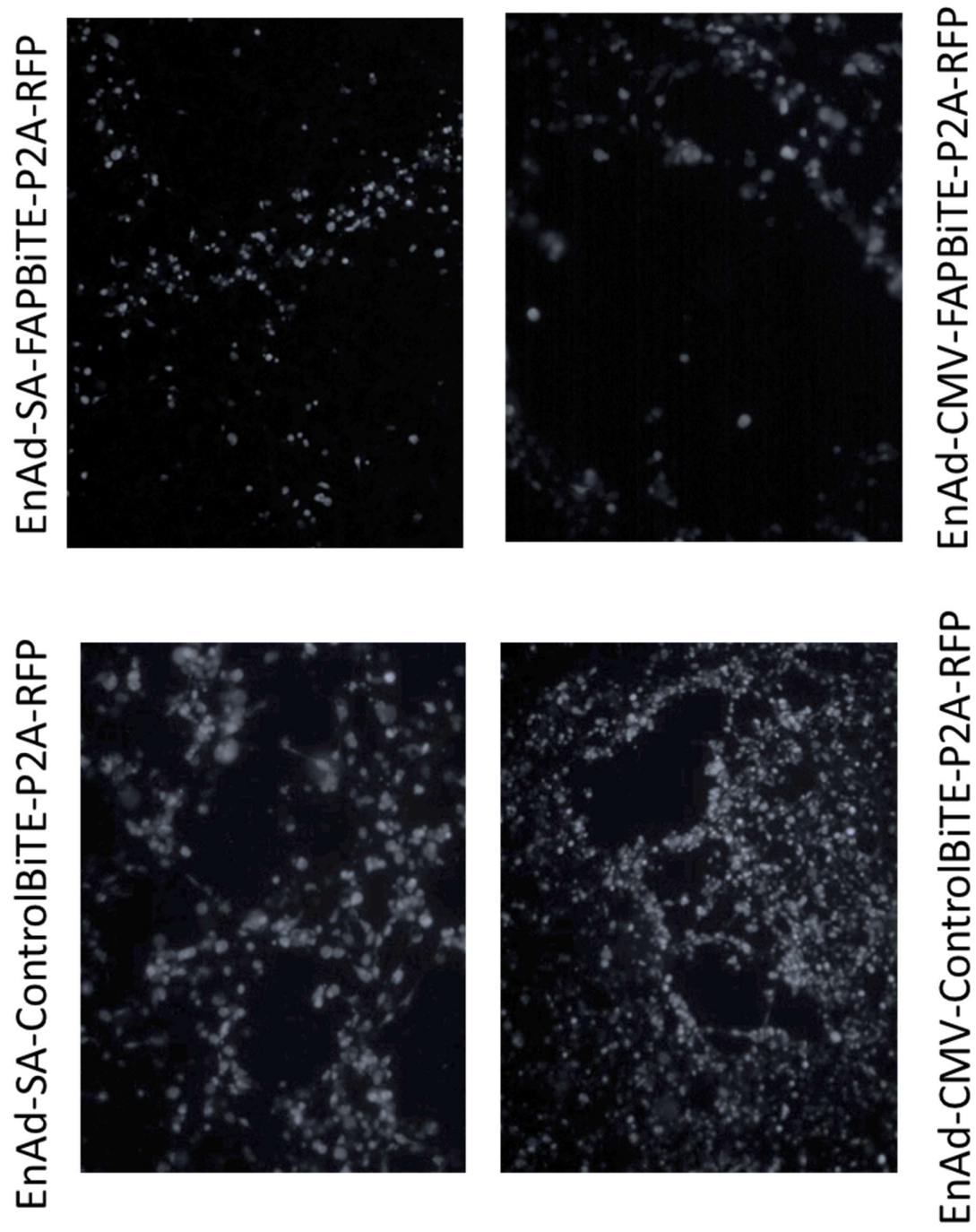


Figure 24

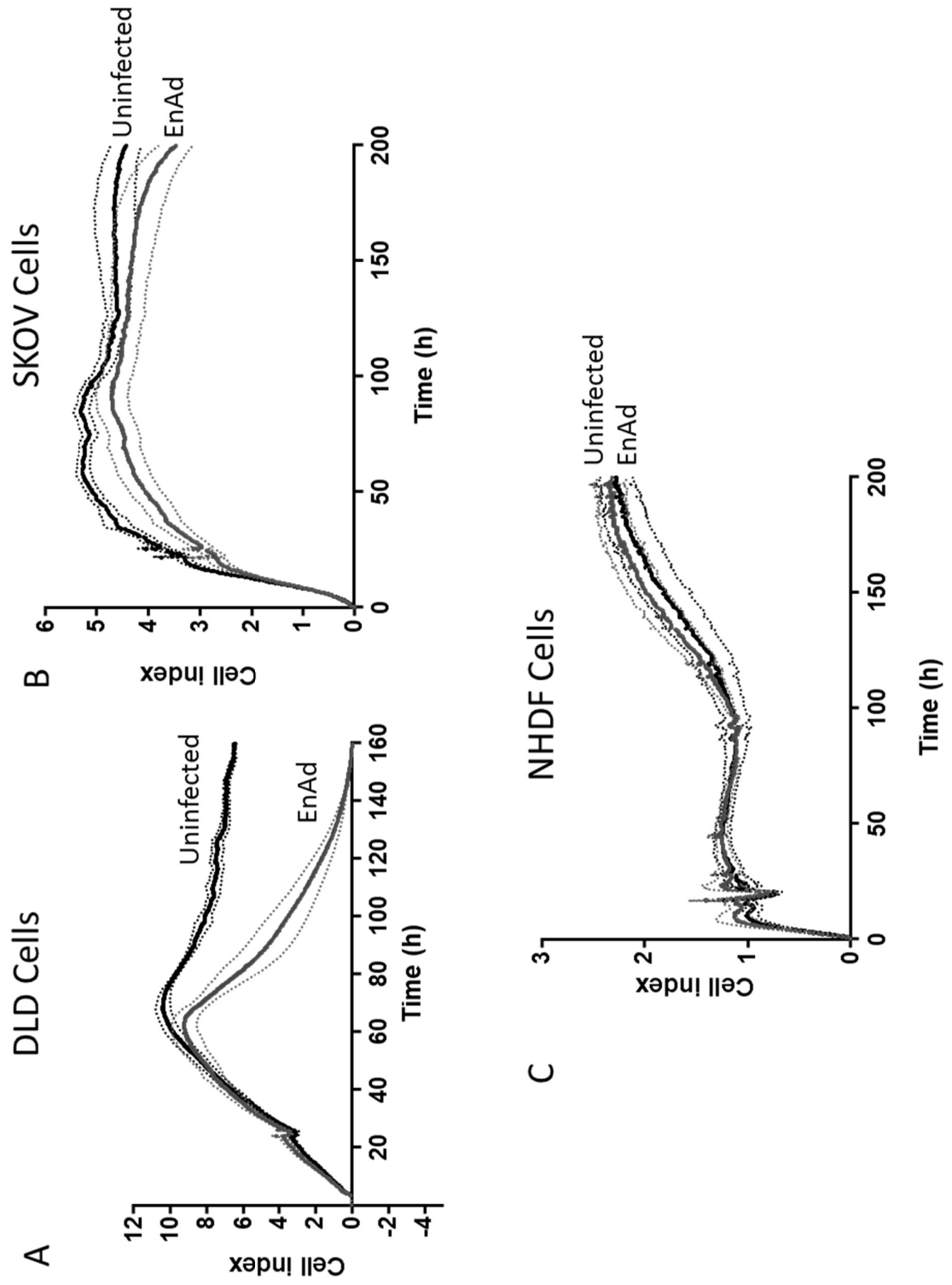


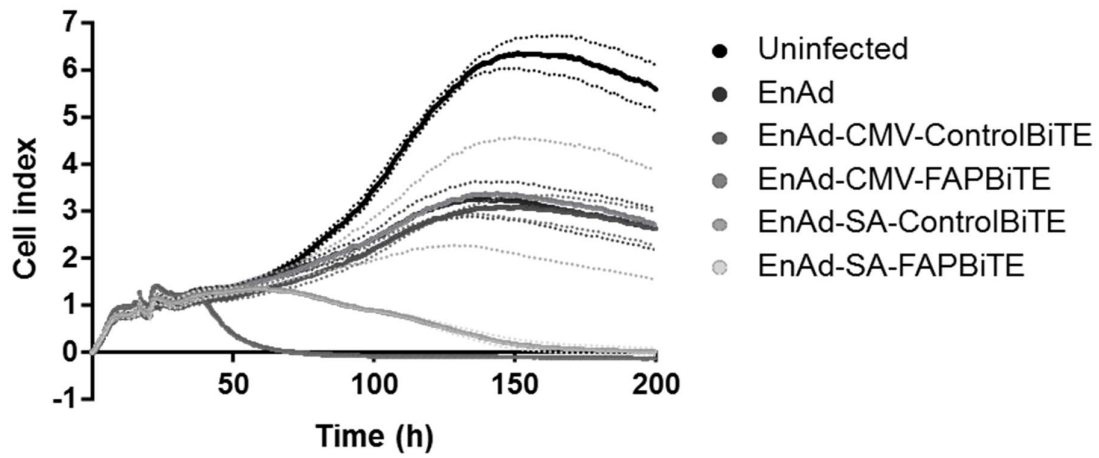
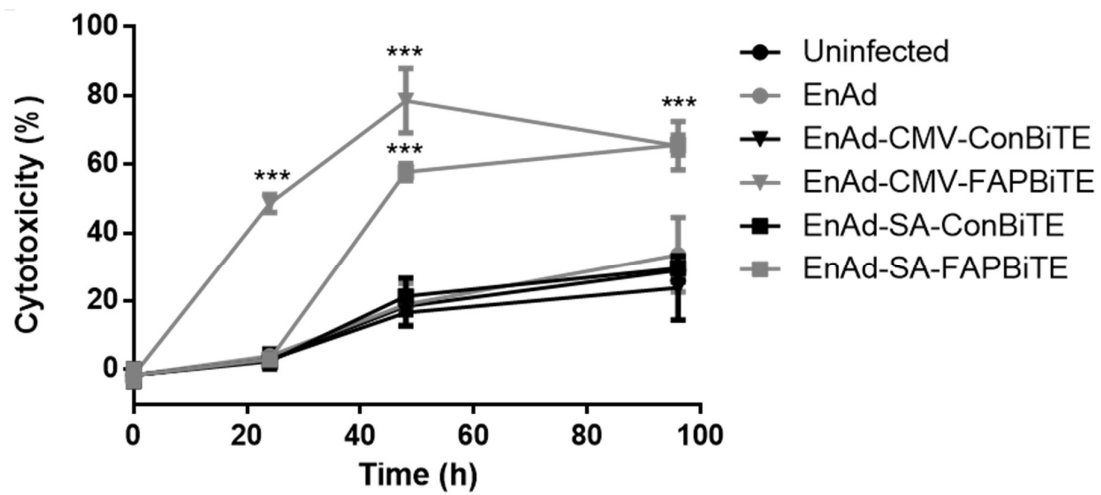
Figure 25A**Figure 25B**

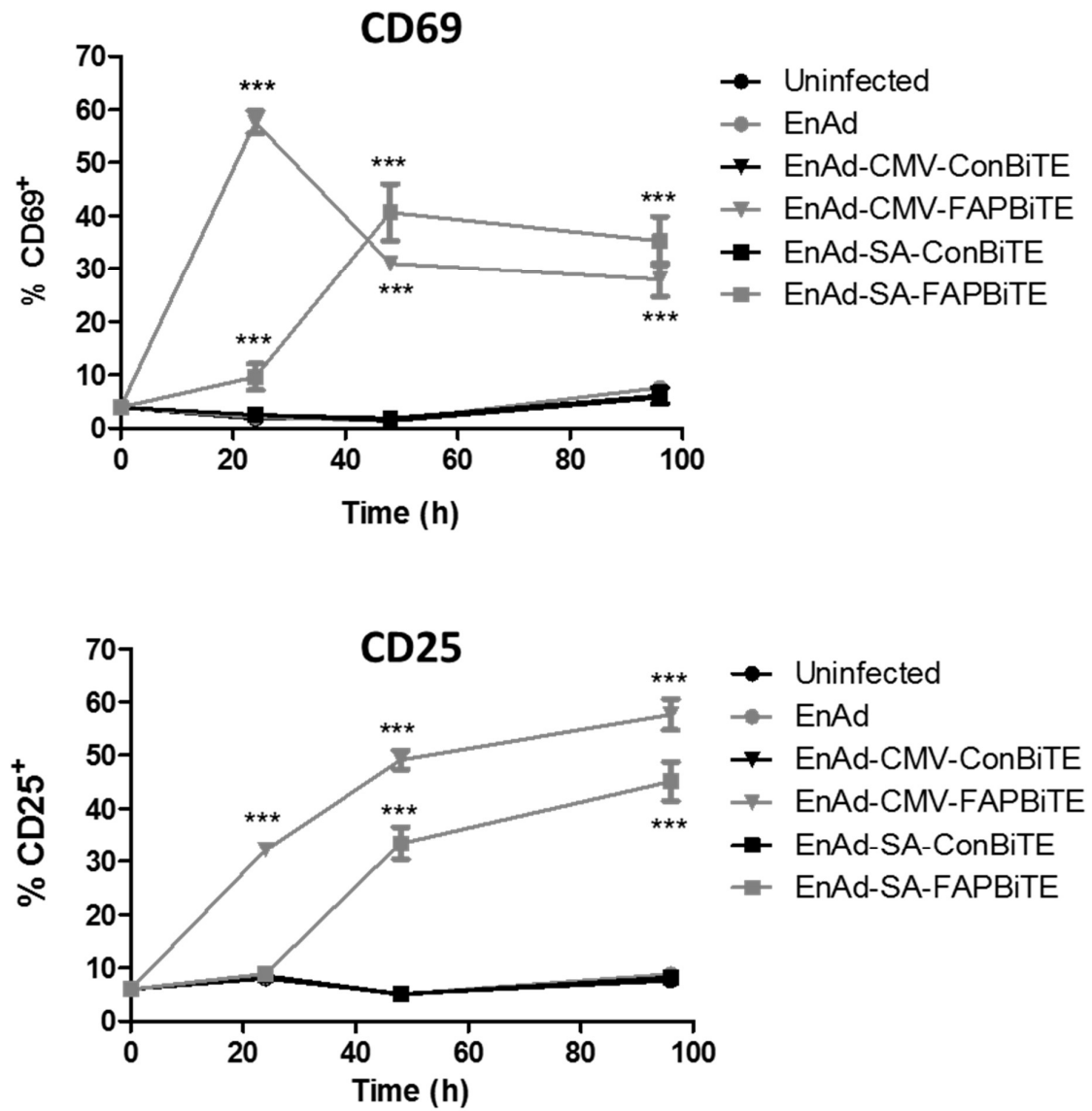
Figure 26

Figure 27

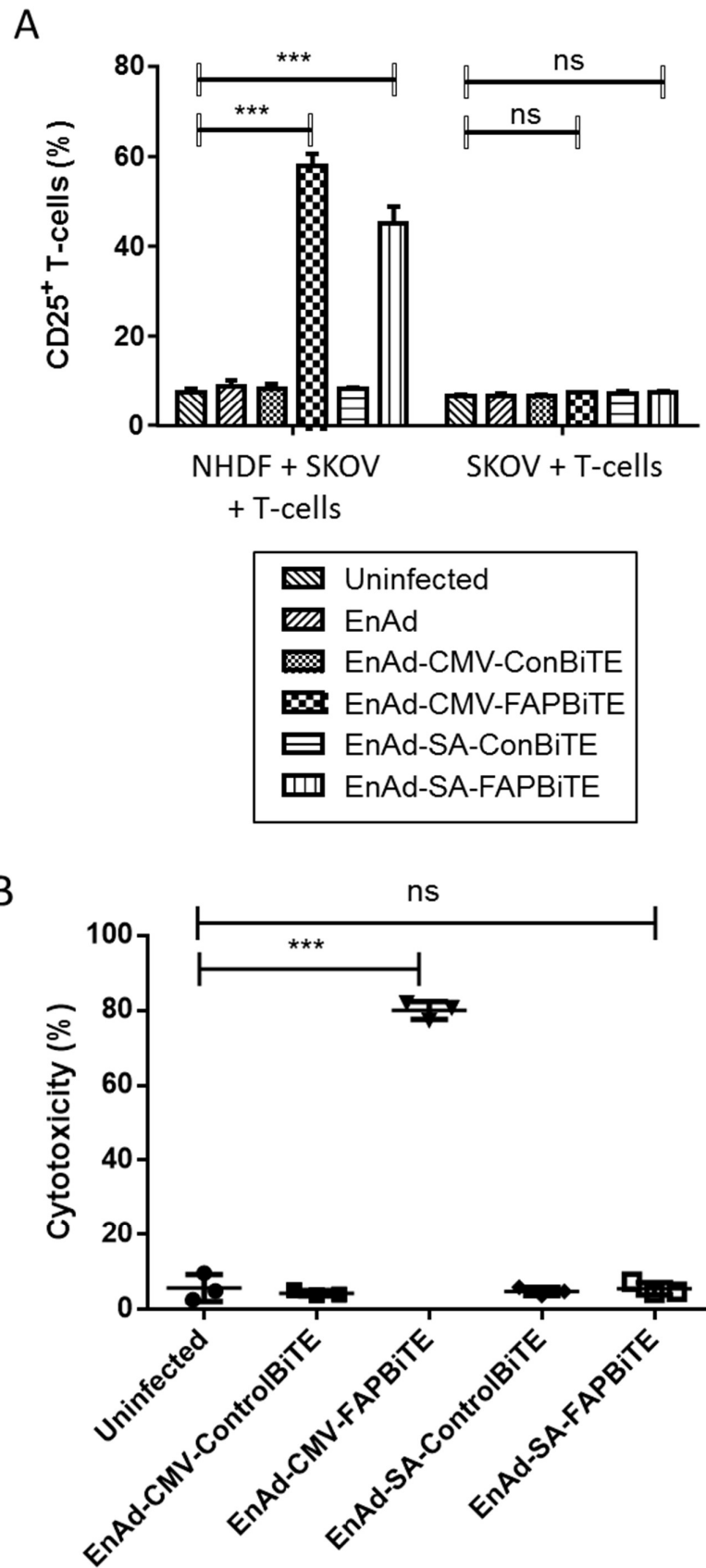


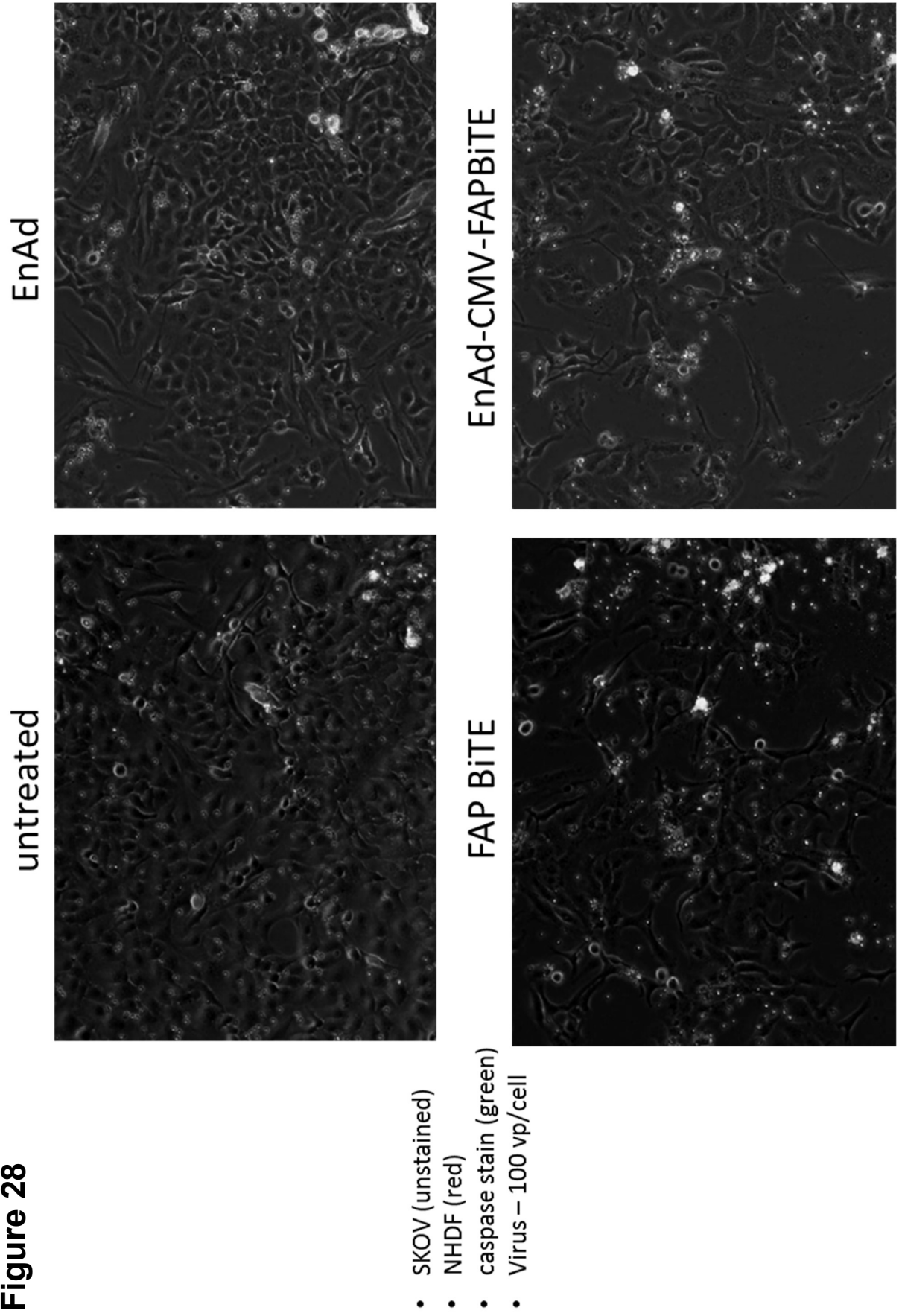
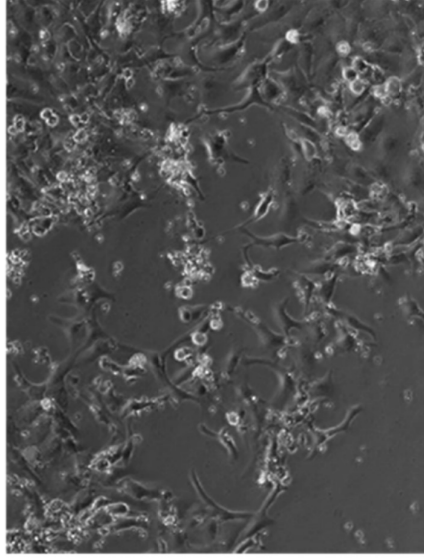
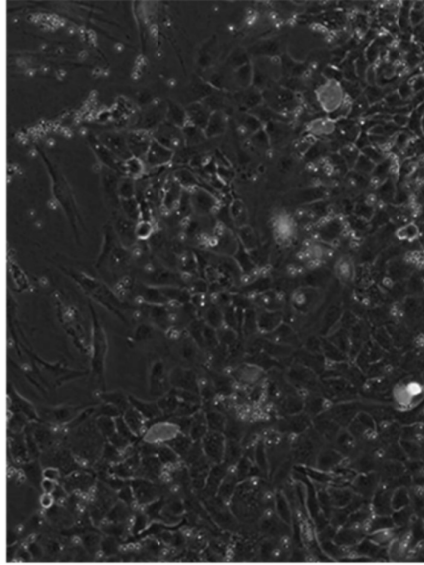
Figure 28

Figure 29

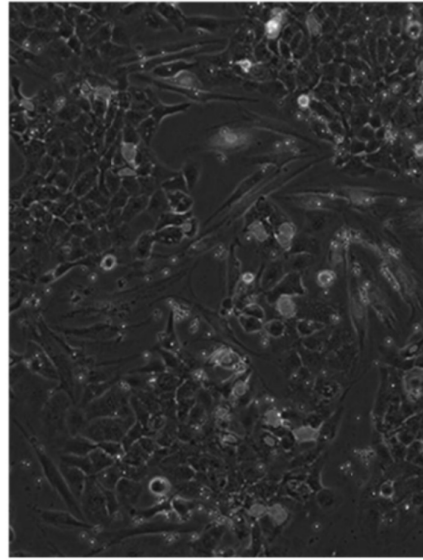
EnAd-CMV-FAPBiTE/RFP



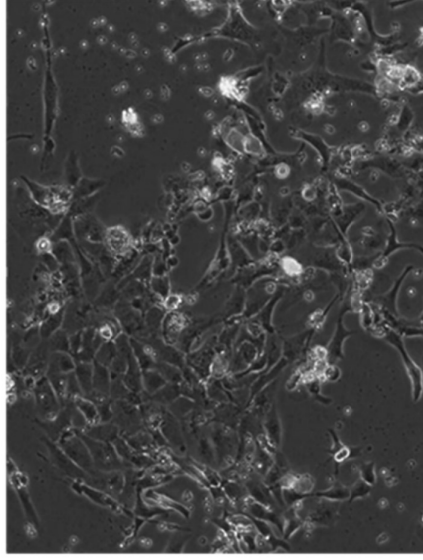
EnAd-CMV-ControlBiTE/RFP



EnAd-SA-ControlBiTE/RFP

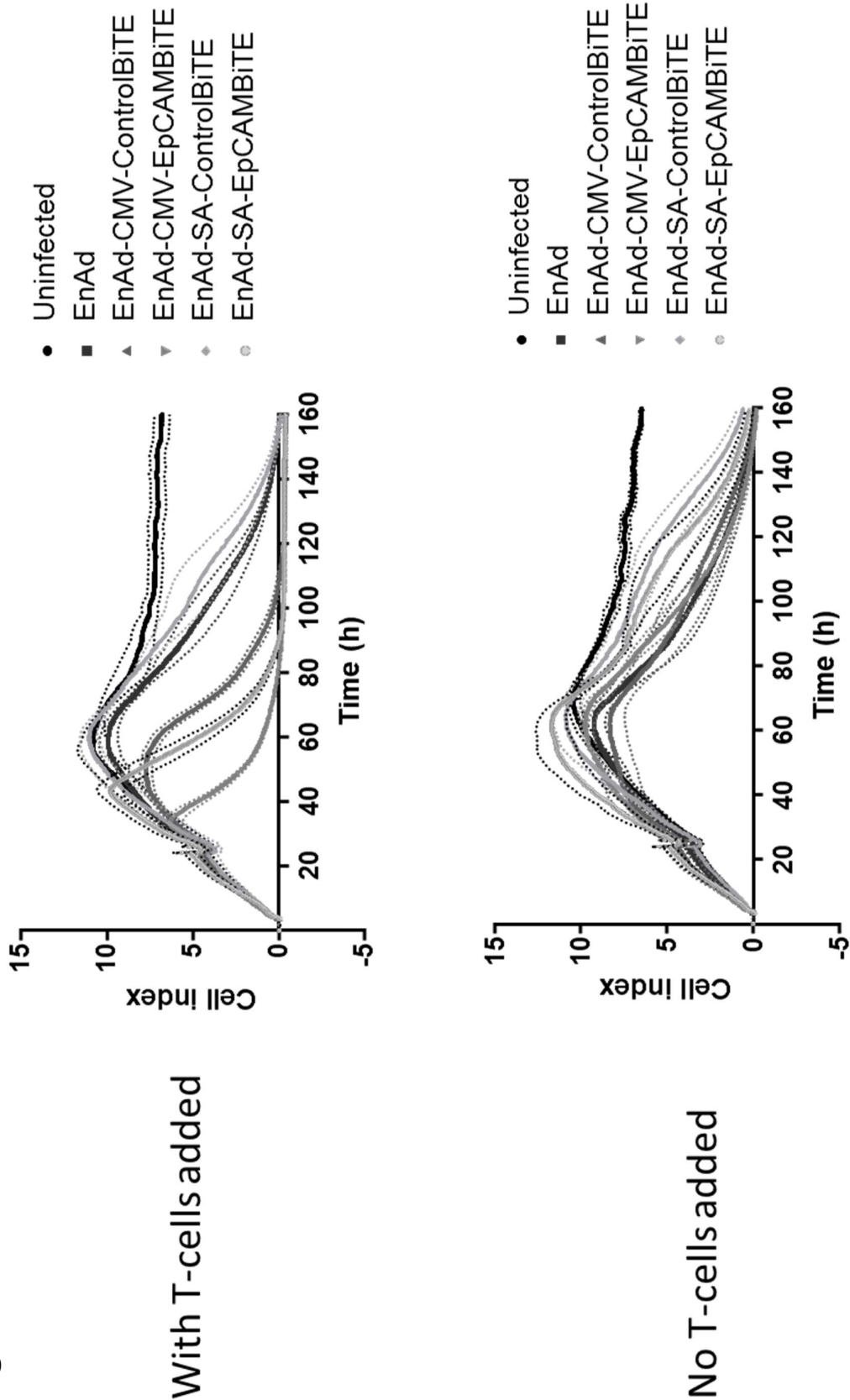


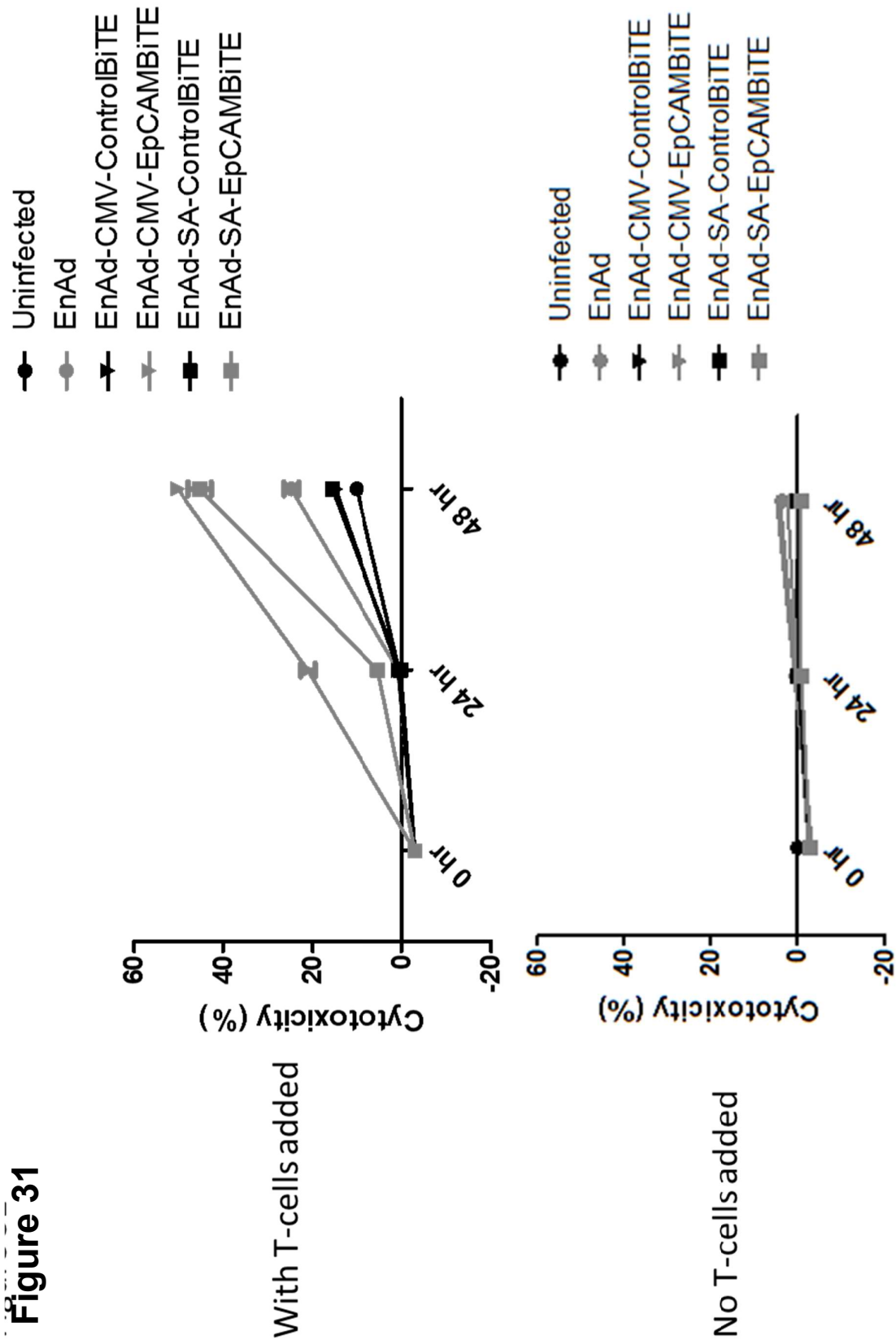
EnAd-SA-FAPBiTE/RFP



- SKOV (unstained)
- NHDF (green)
- RFP virus (red) – MOI of 1 for CMV, 10 for SA

Figure 30





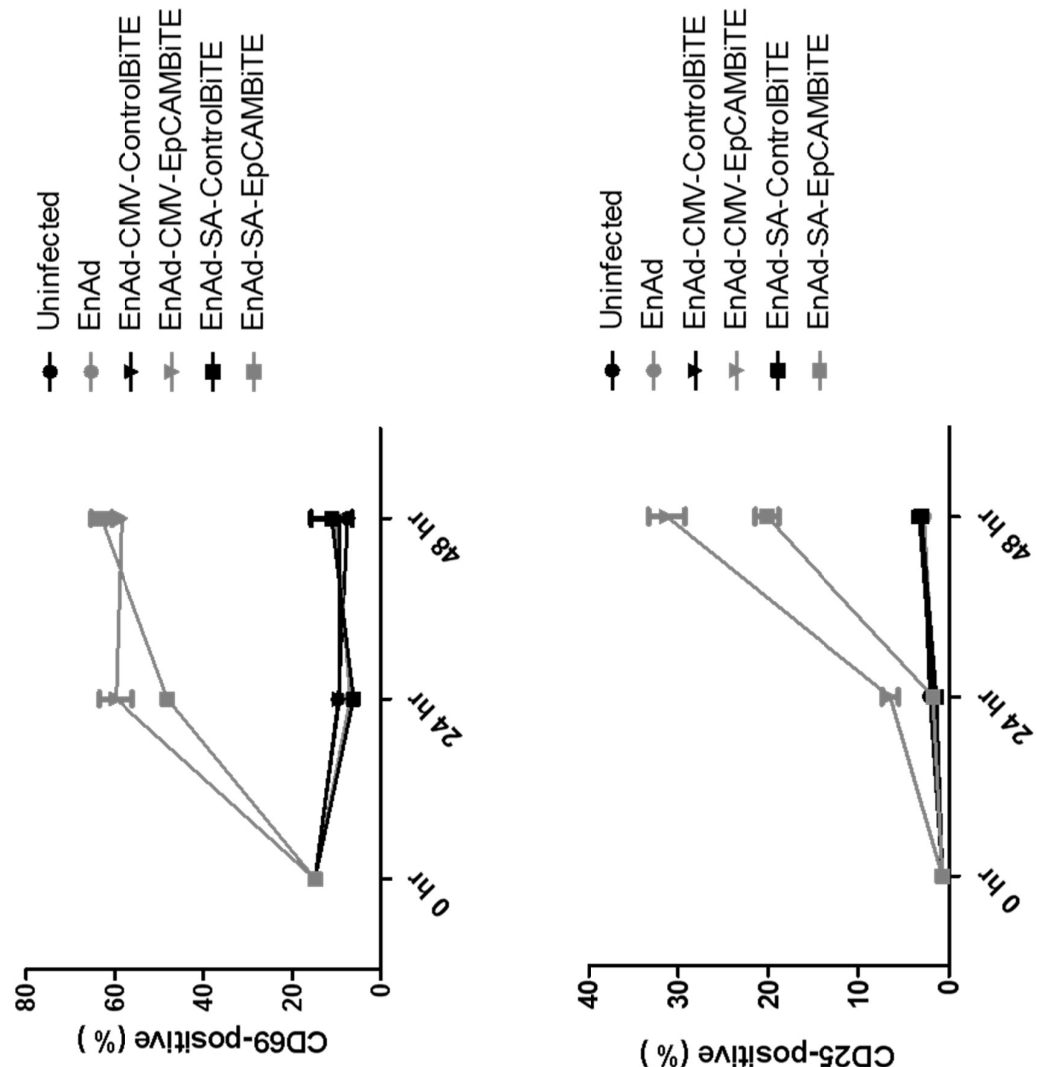
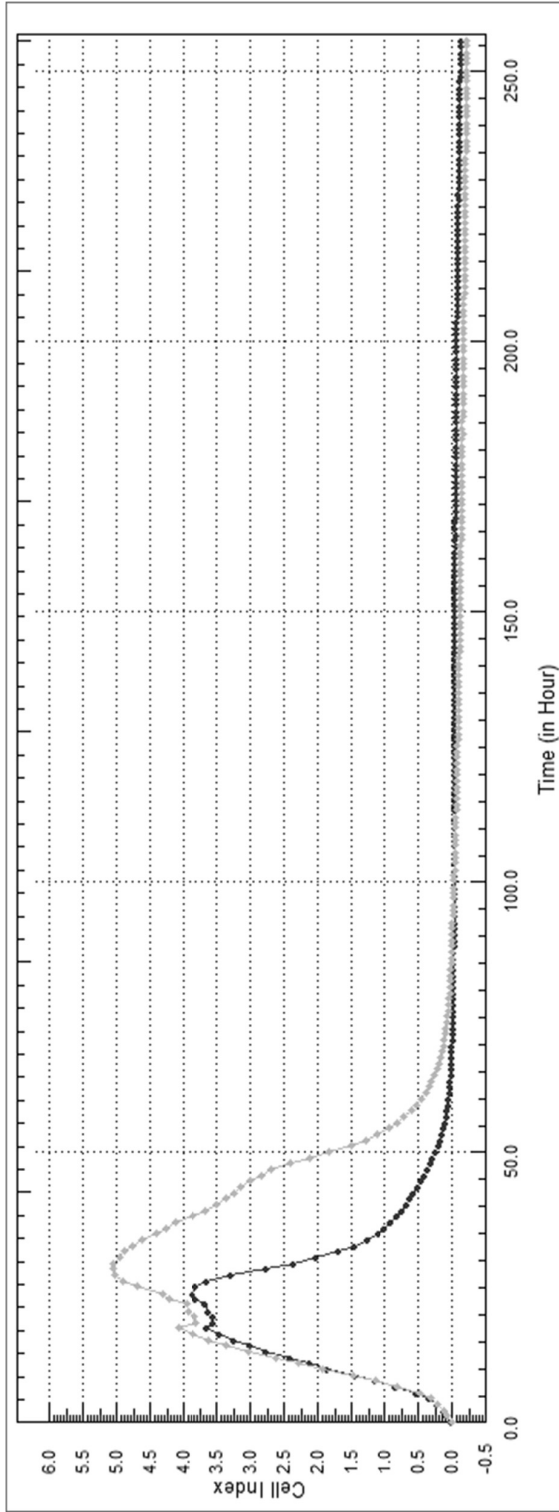


Figure 32

Figure 33

MOI: 10



Light grey - no T-cells added
Dark grey - T-cells added

MOI: 1

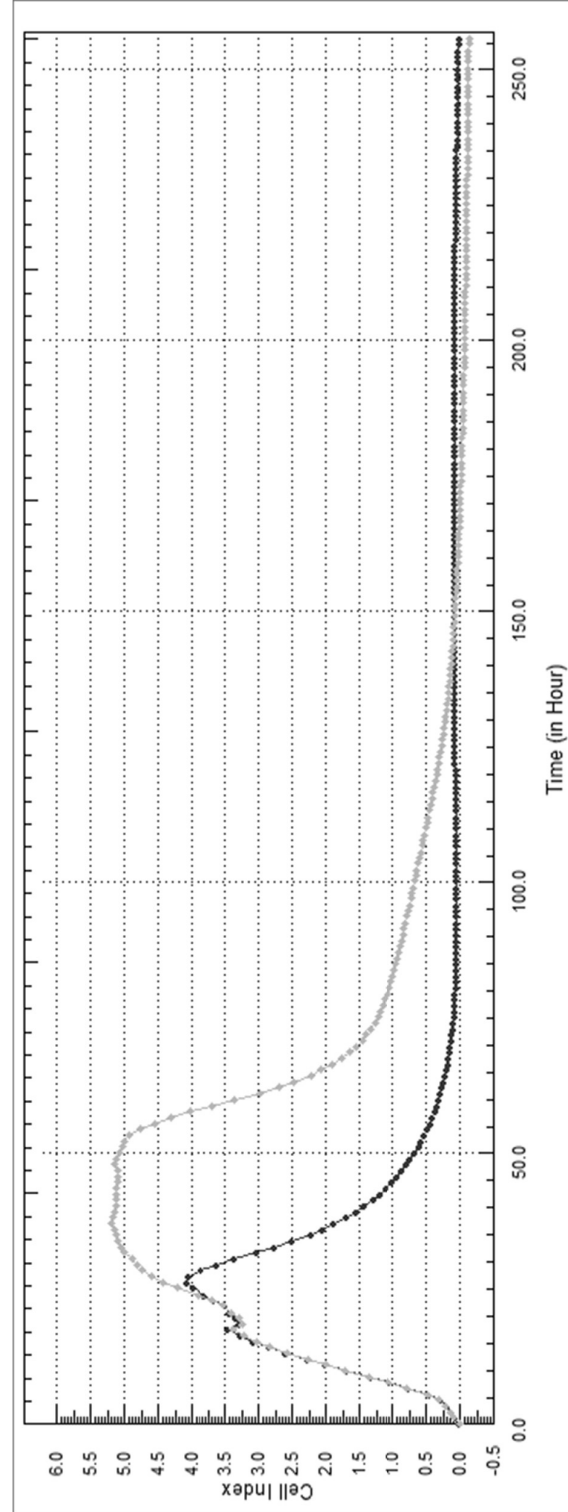
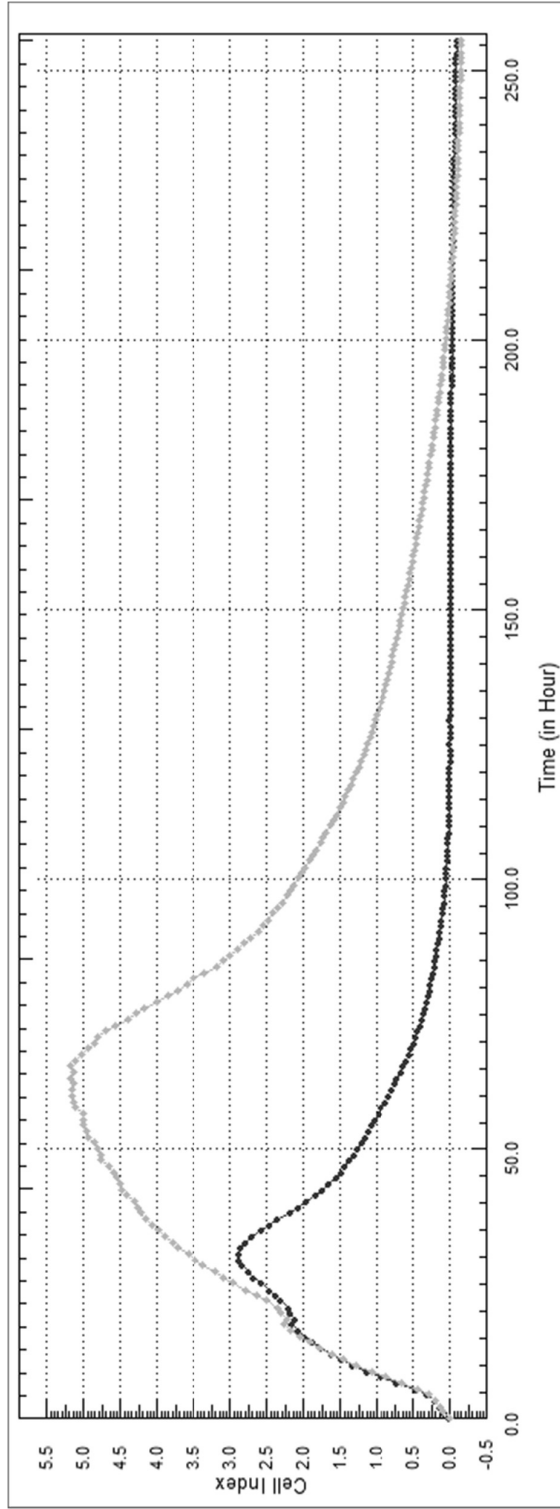


Figure 33 cont.

MOI: 0.1



Light grey –
no T-cells added
Dark grey -
T-cells added

MOI: 0.01

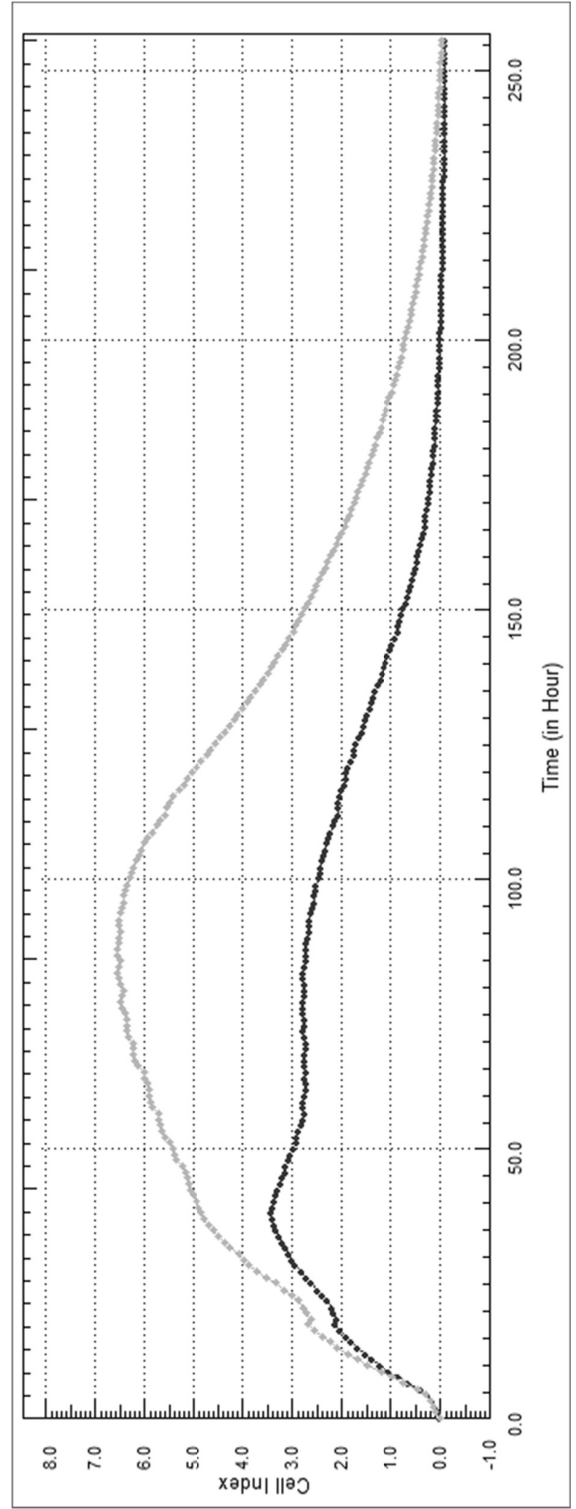
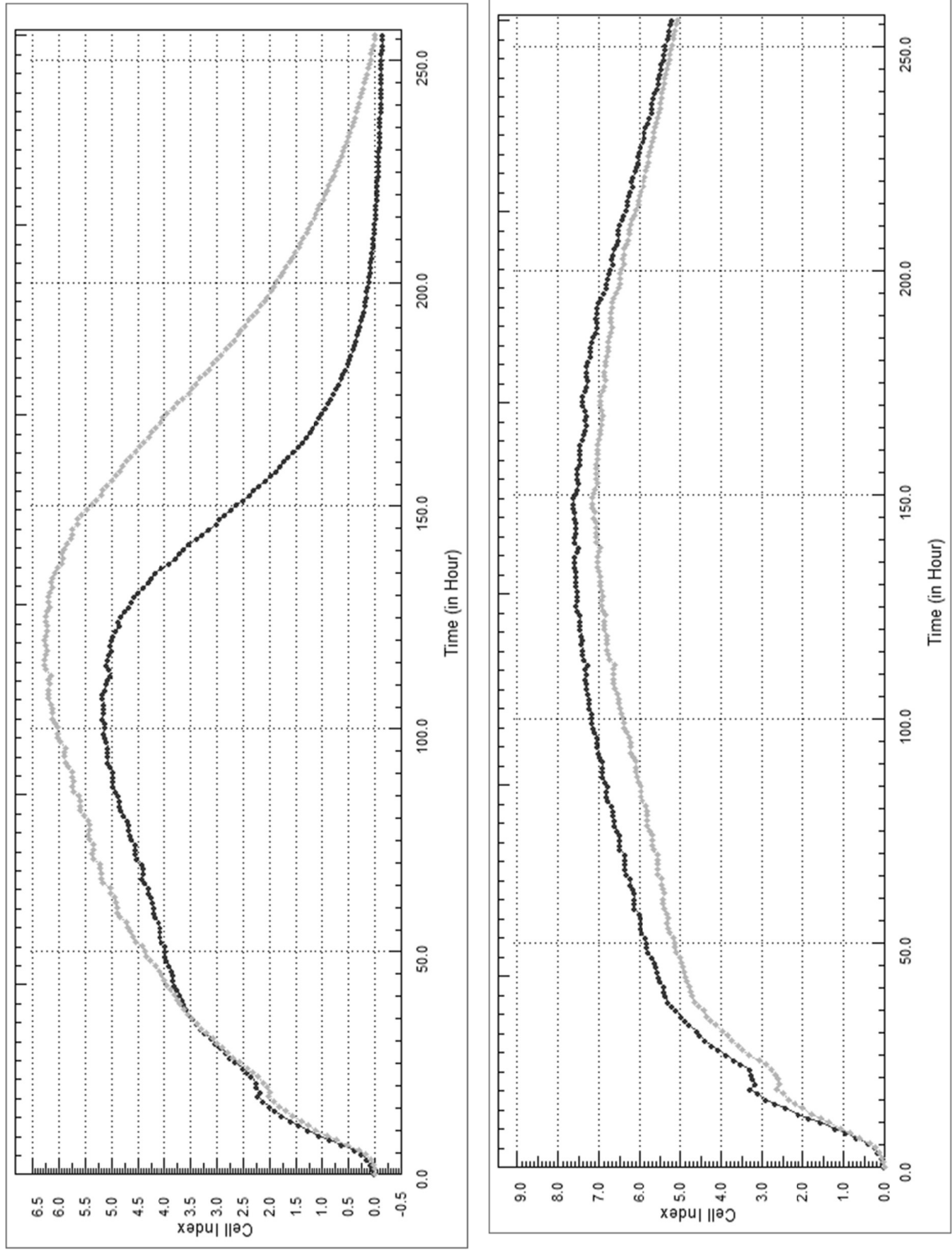


Figure 33 cont.



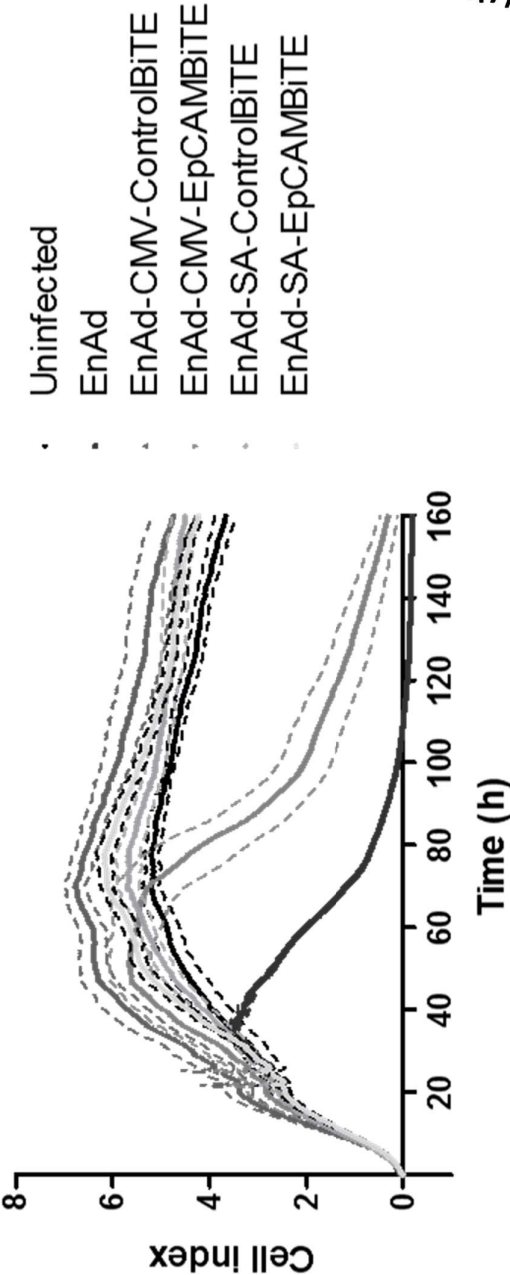
MOI: 0.001

Light grey –
no T-cells added
Dark grey -
T-cells added

MOI: 0

Figure 34

With T-cells added



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No T-cells added

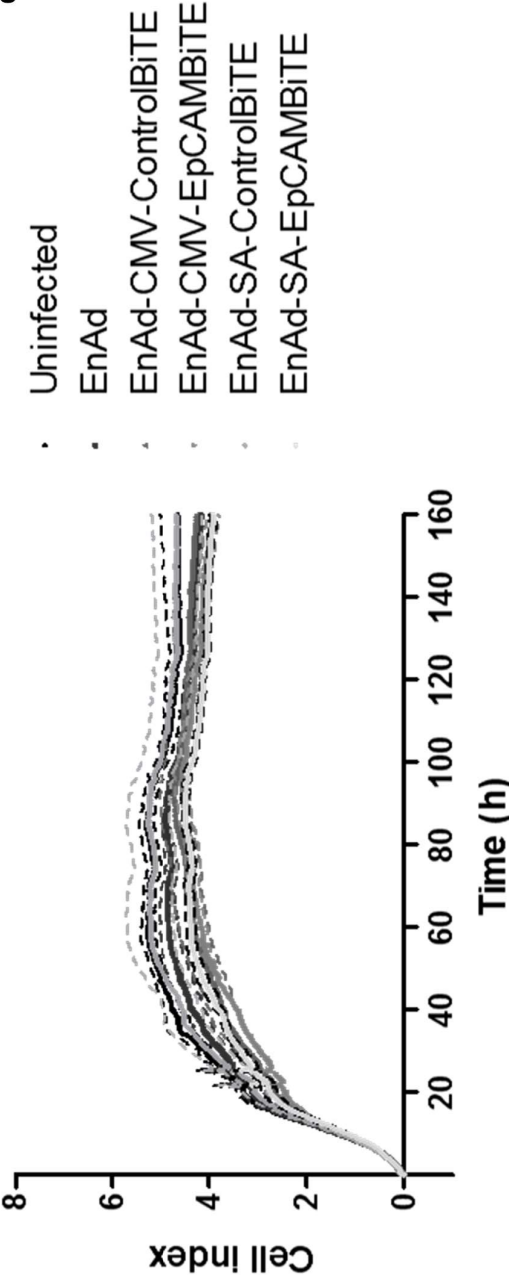


Figure 35

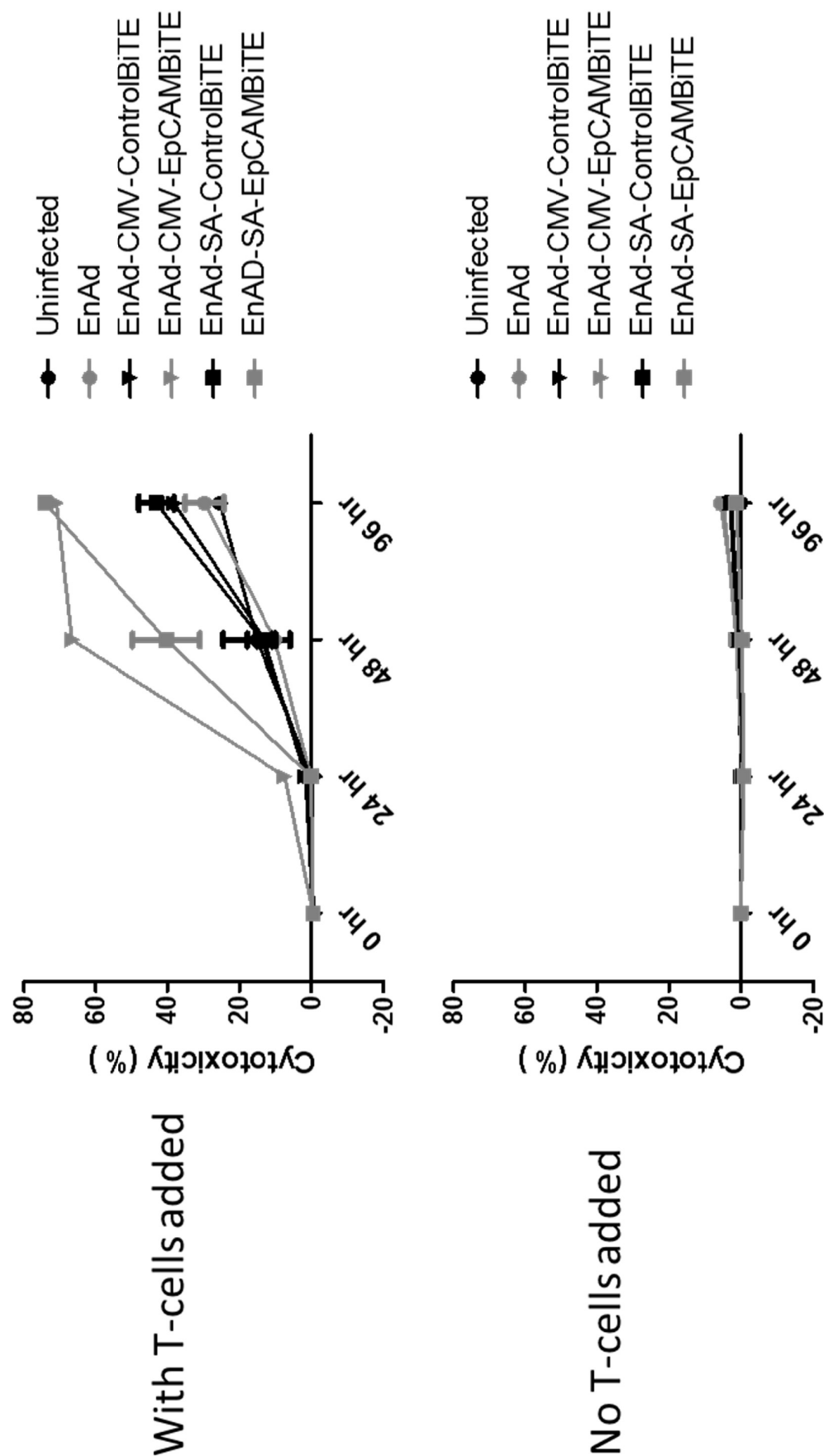
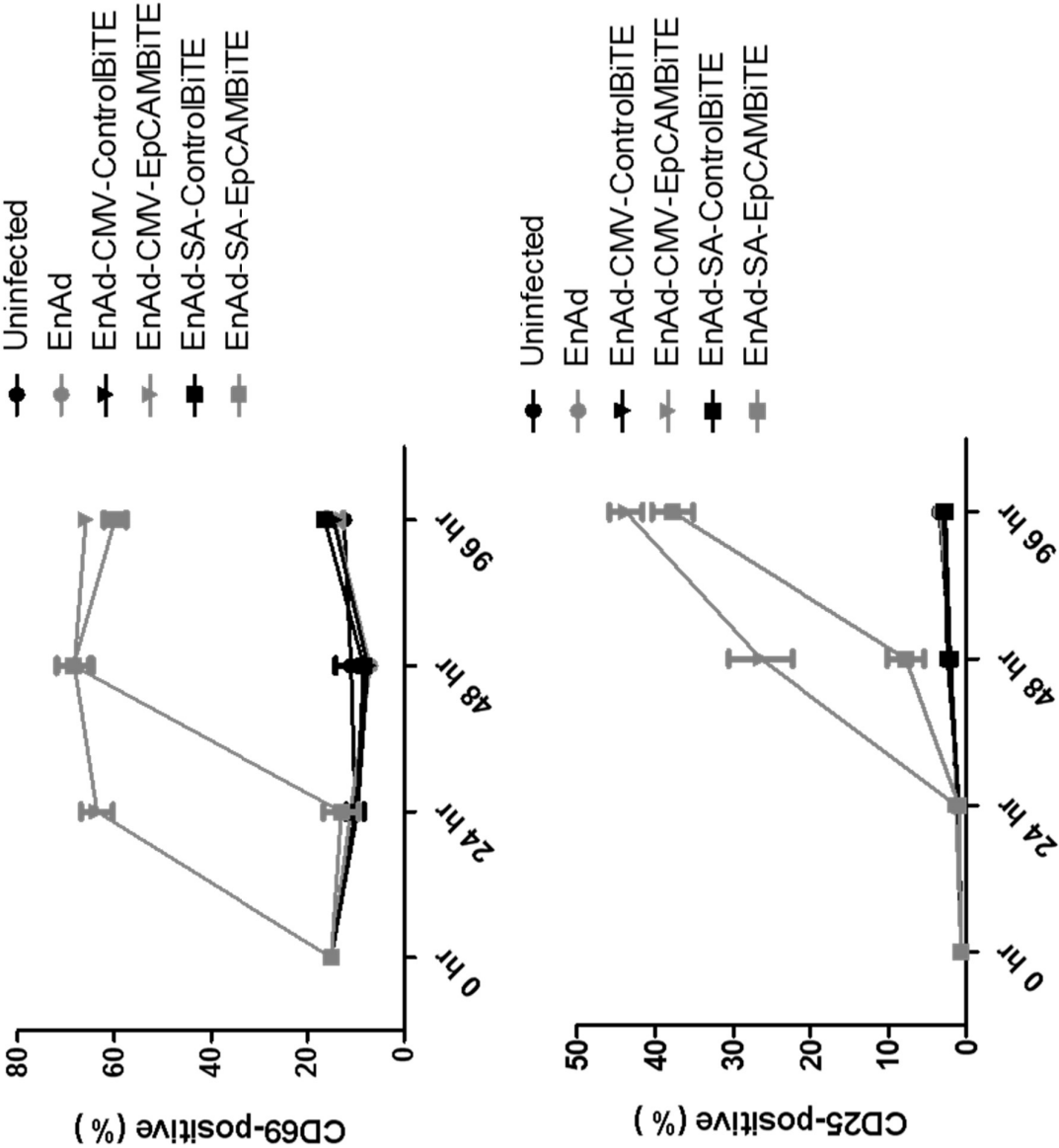


Figure 36



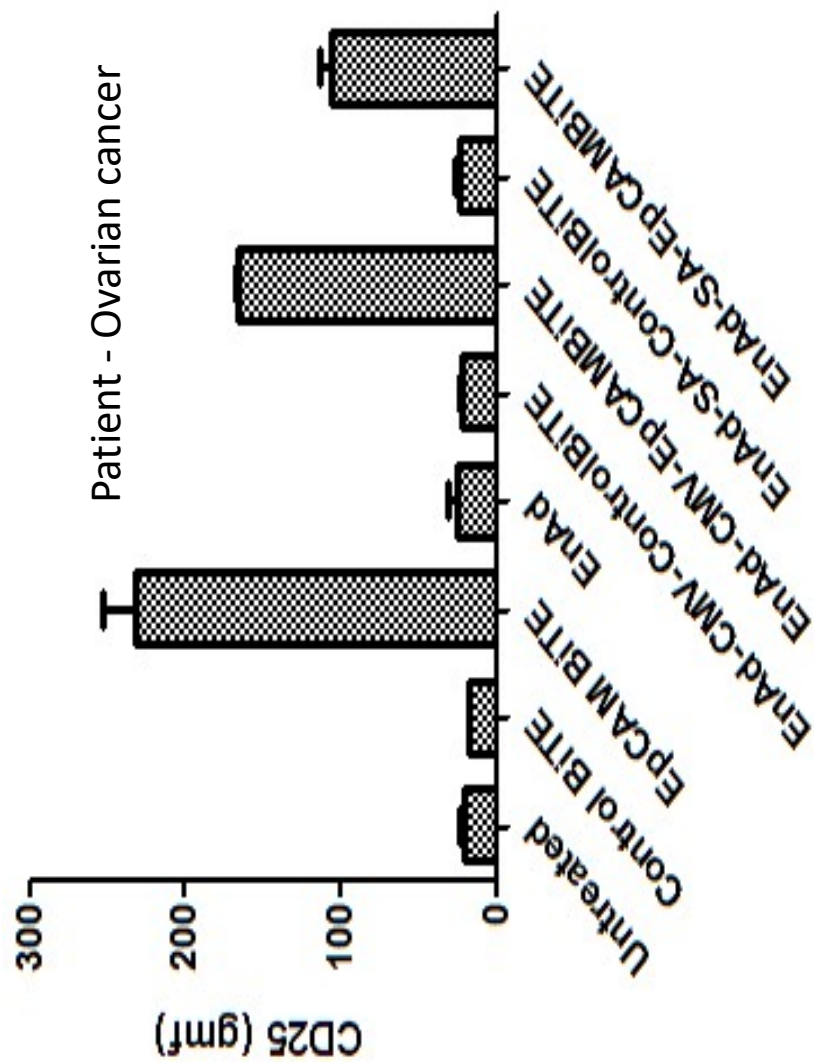


Figure 37

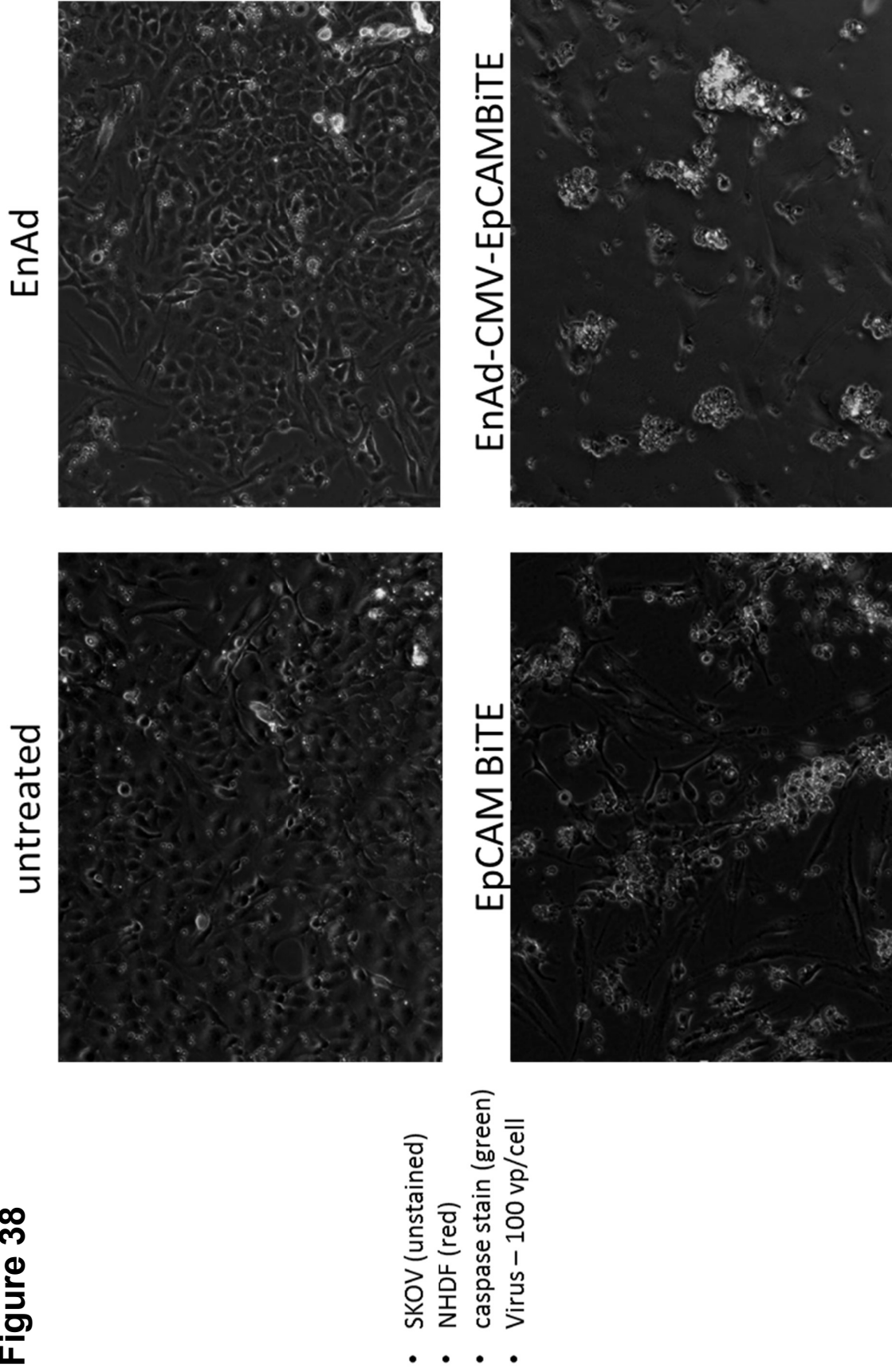
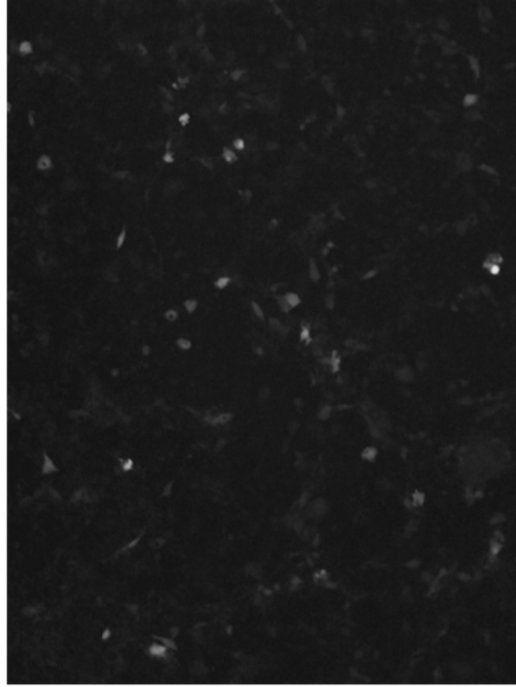
Figure 38

Figure 39

EnAd-CMV-GFP



EnAd-SA-GFP



Figure 40

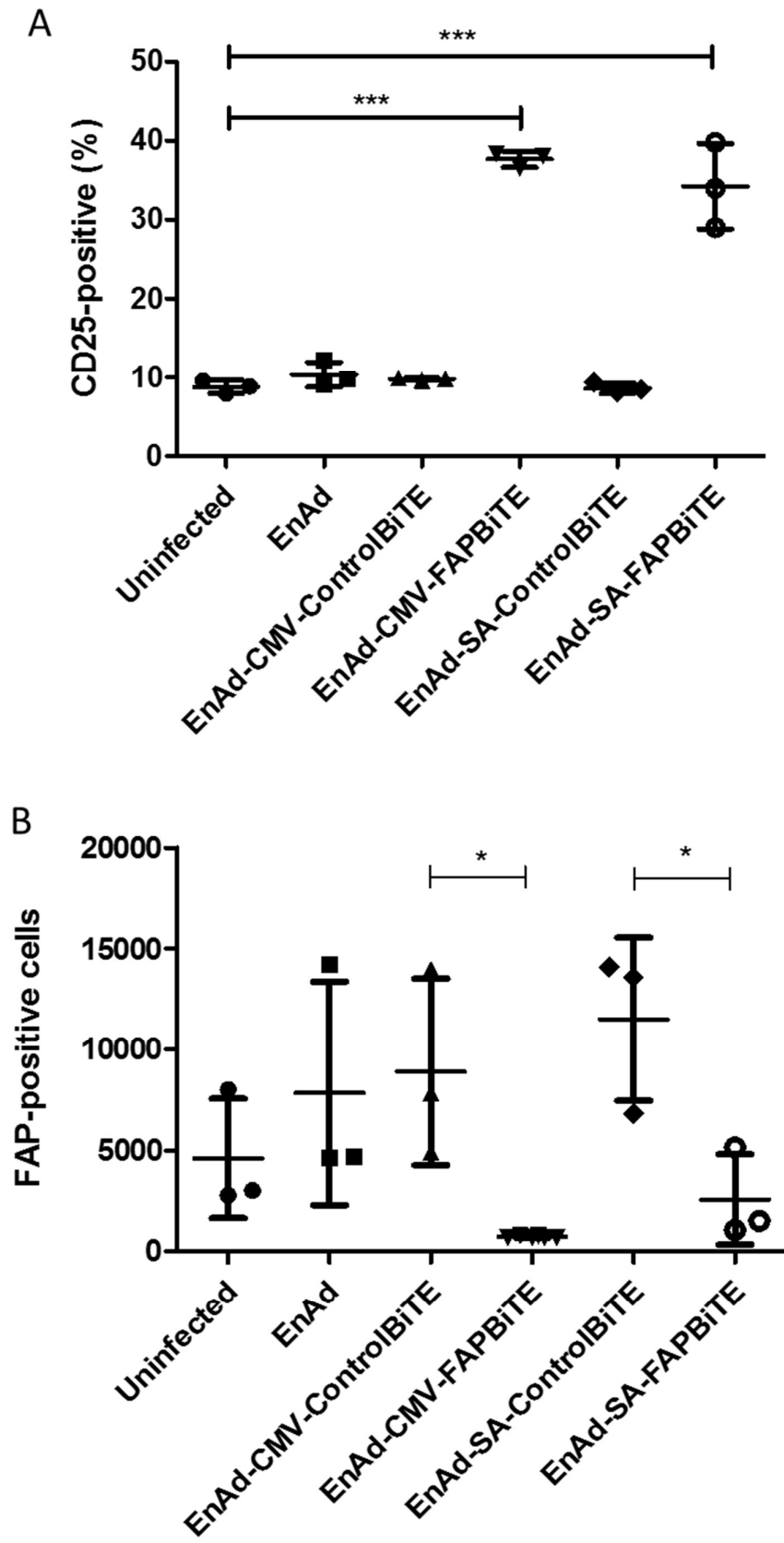


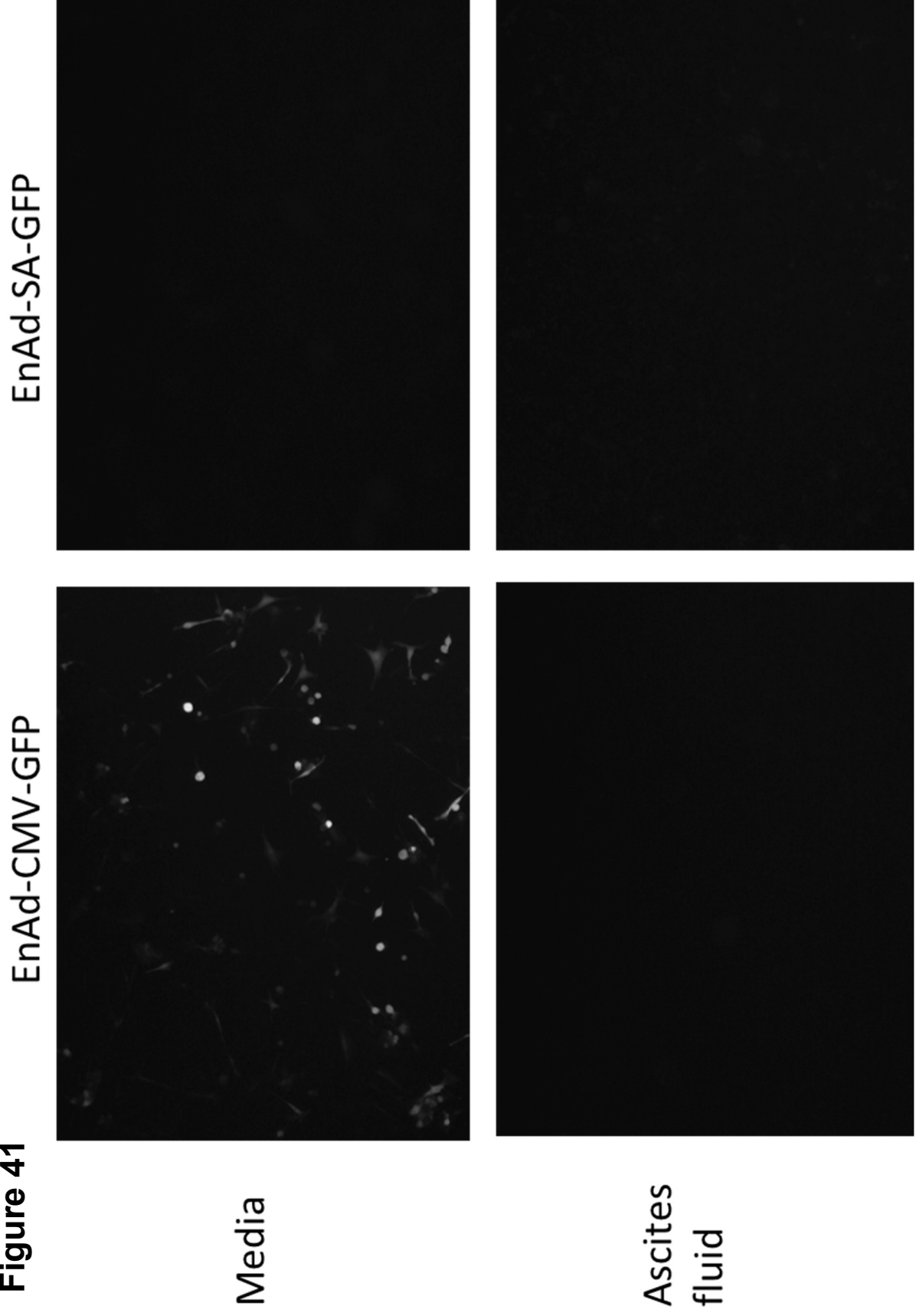
Figure 41

Figure 42

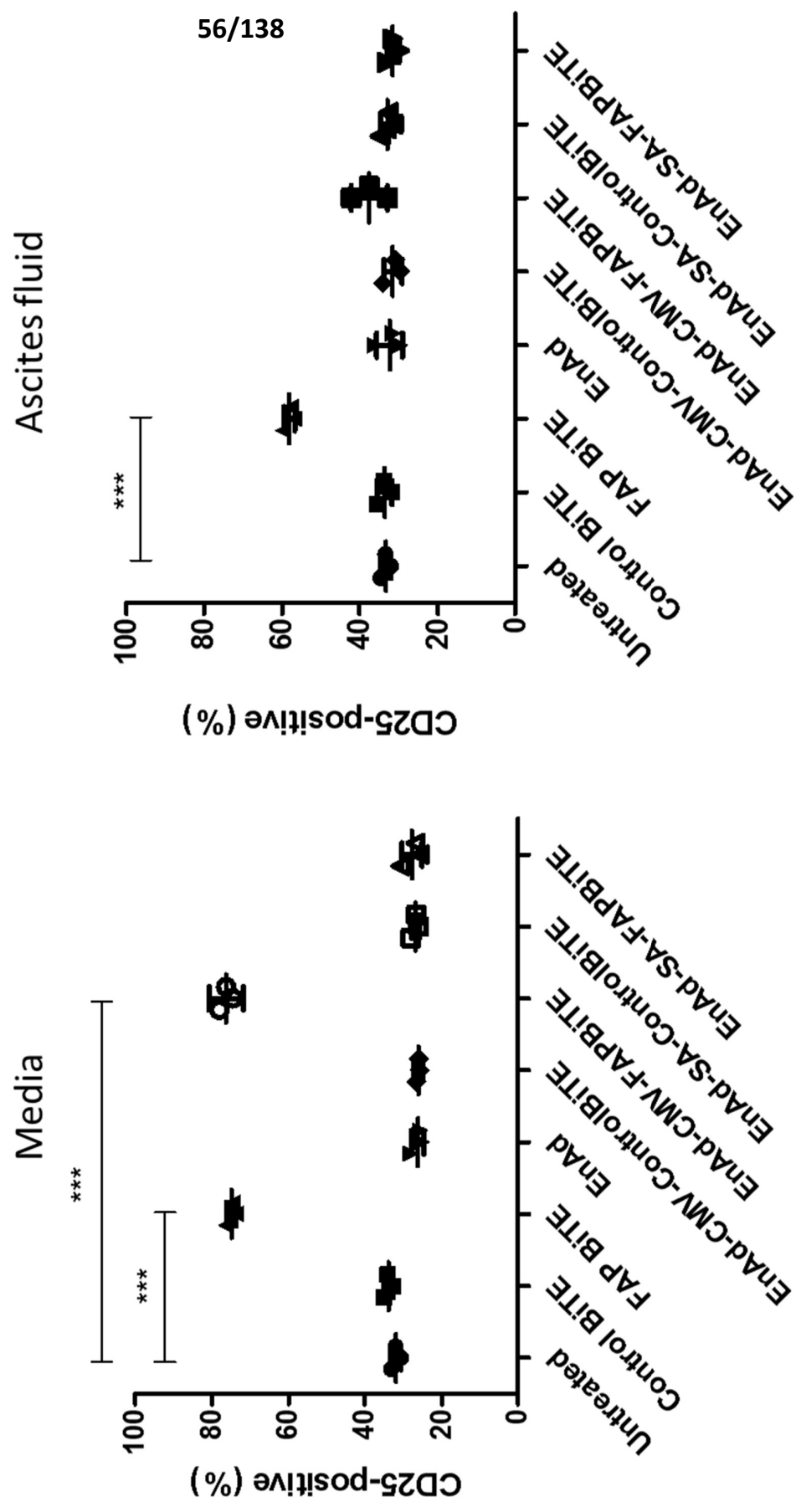


Figure 43

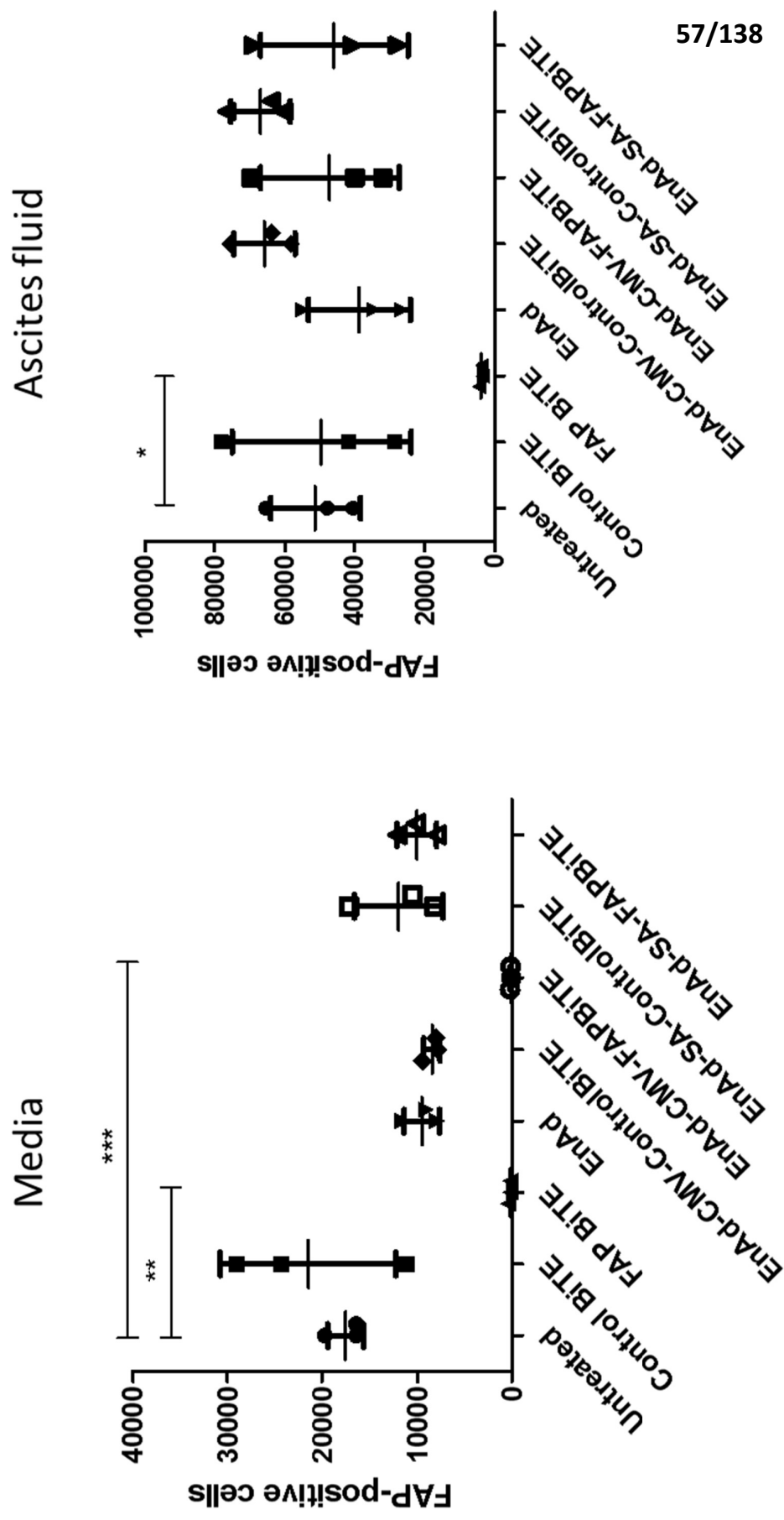
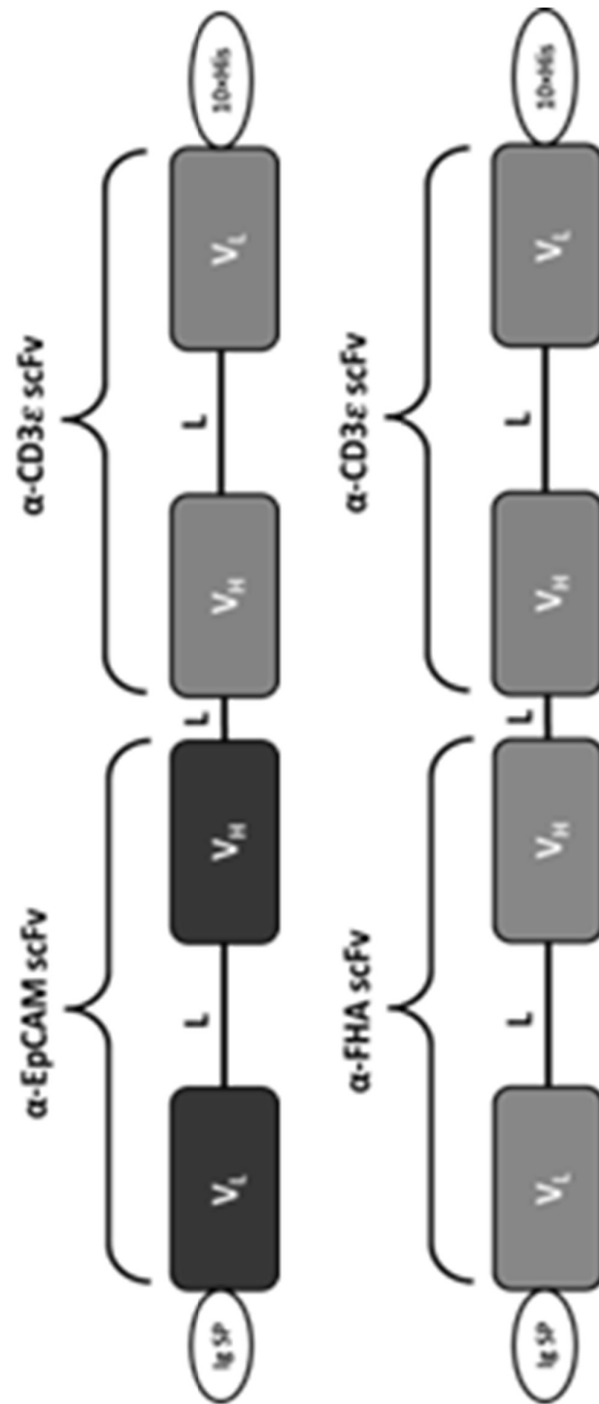


Figure 44

Figure 45A



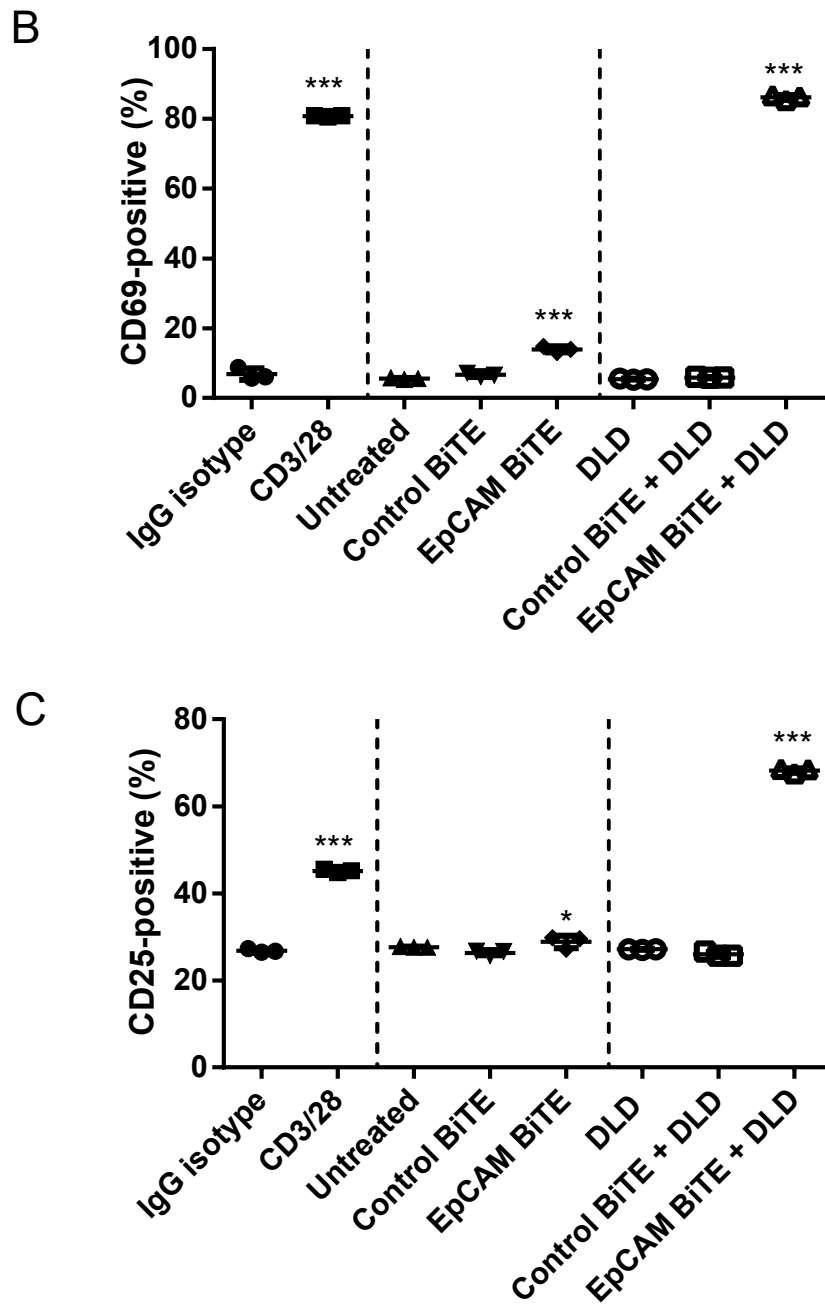


Figure 45 cont.

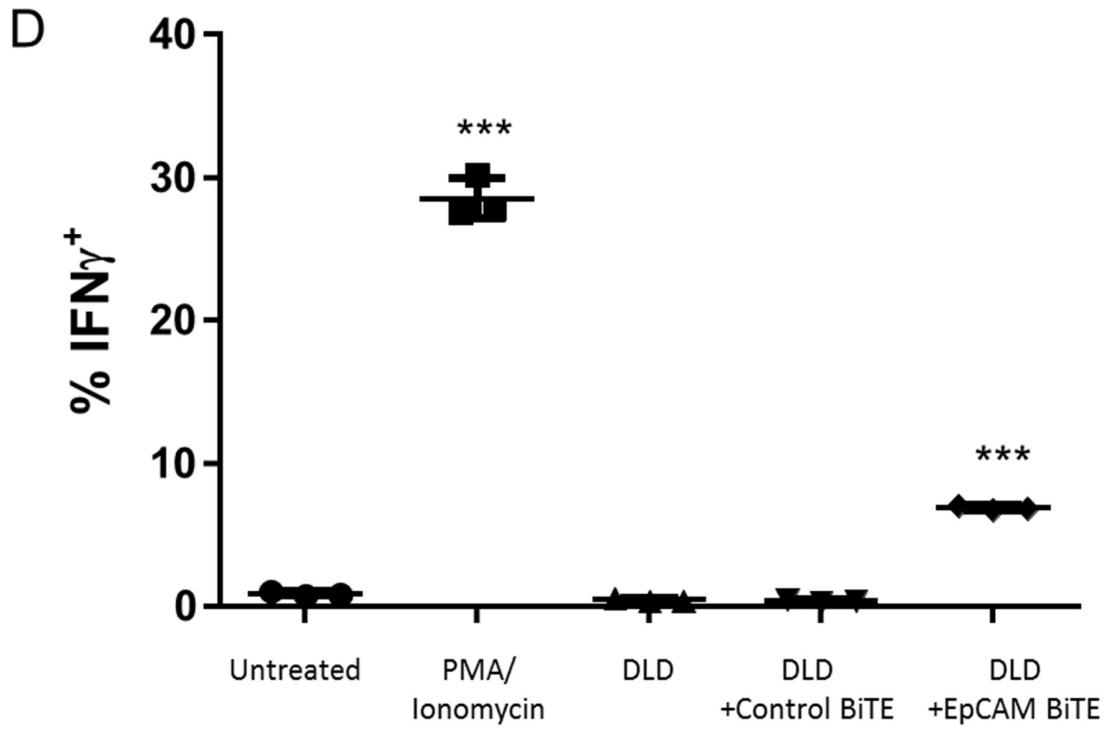
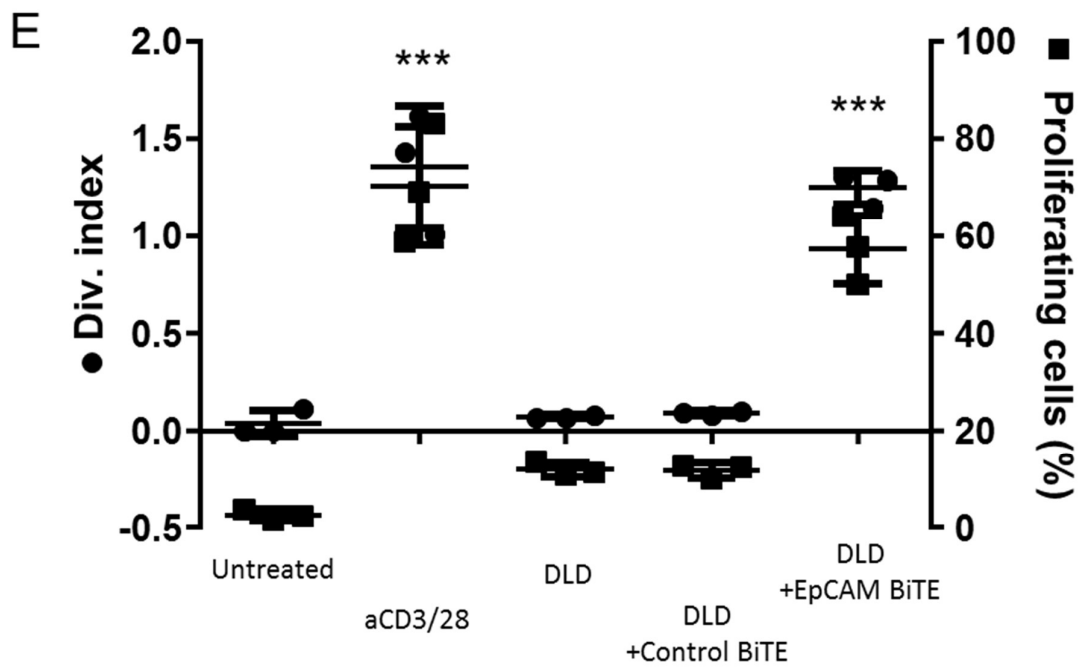
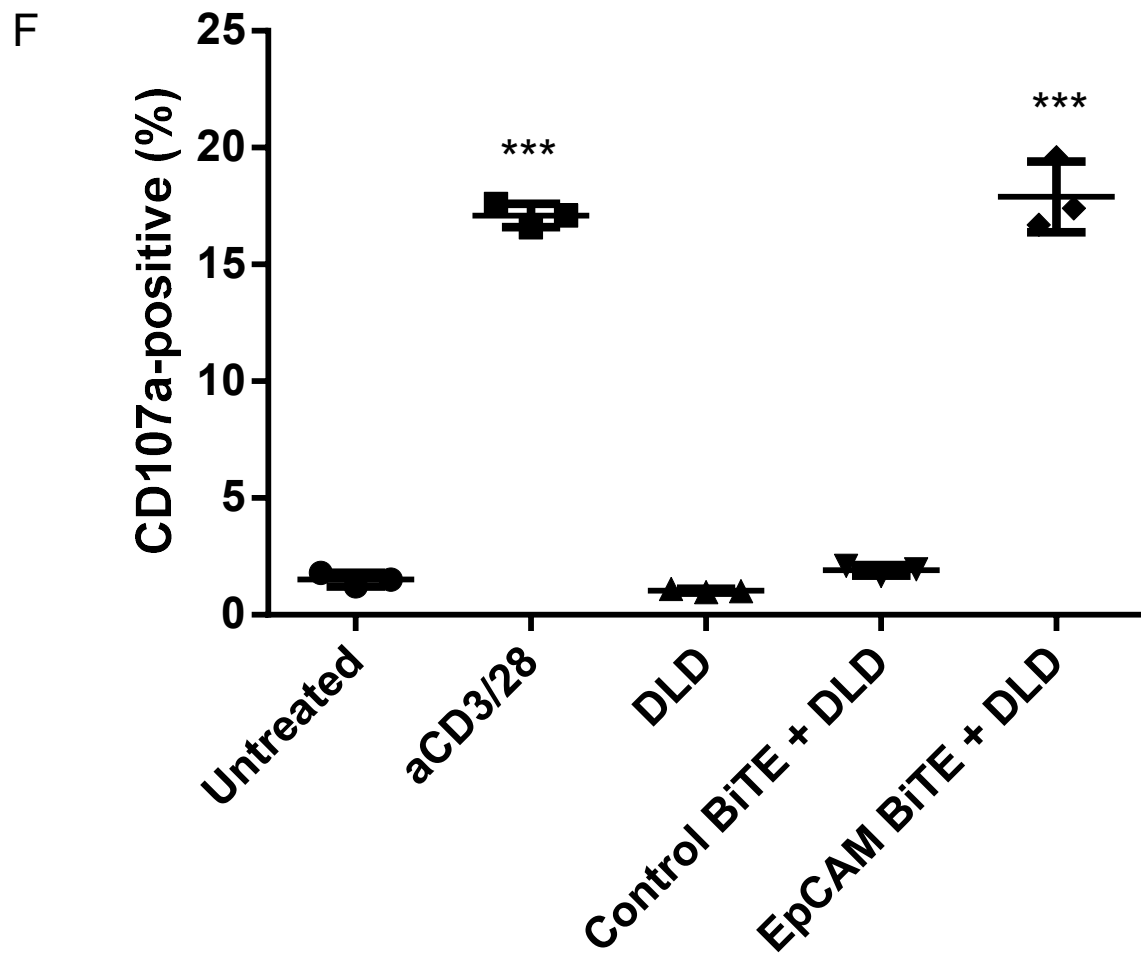
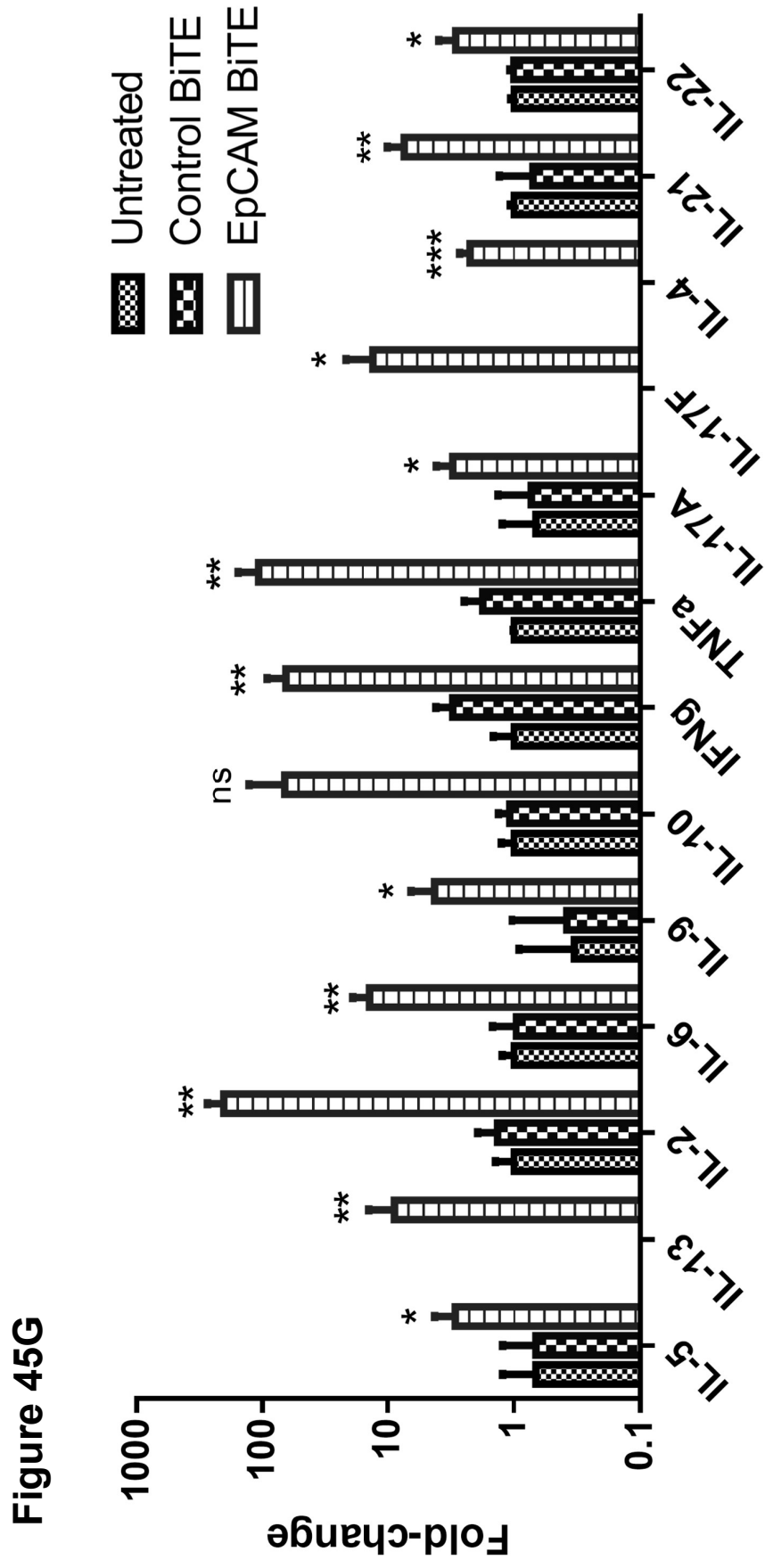


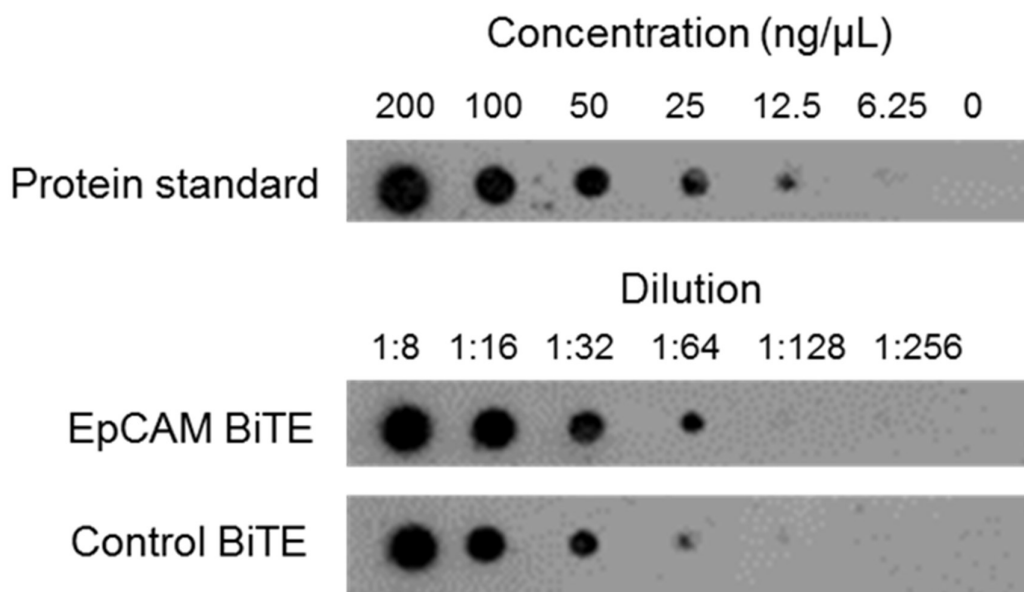
Figure 45 cont.

Figure 45 cont.





A



B

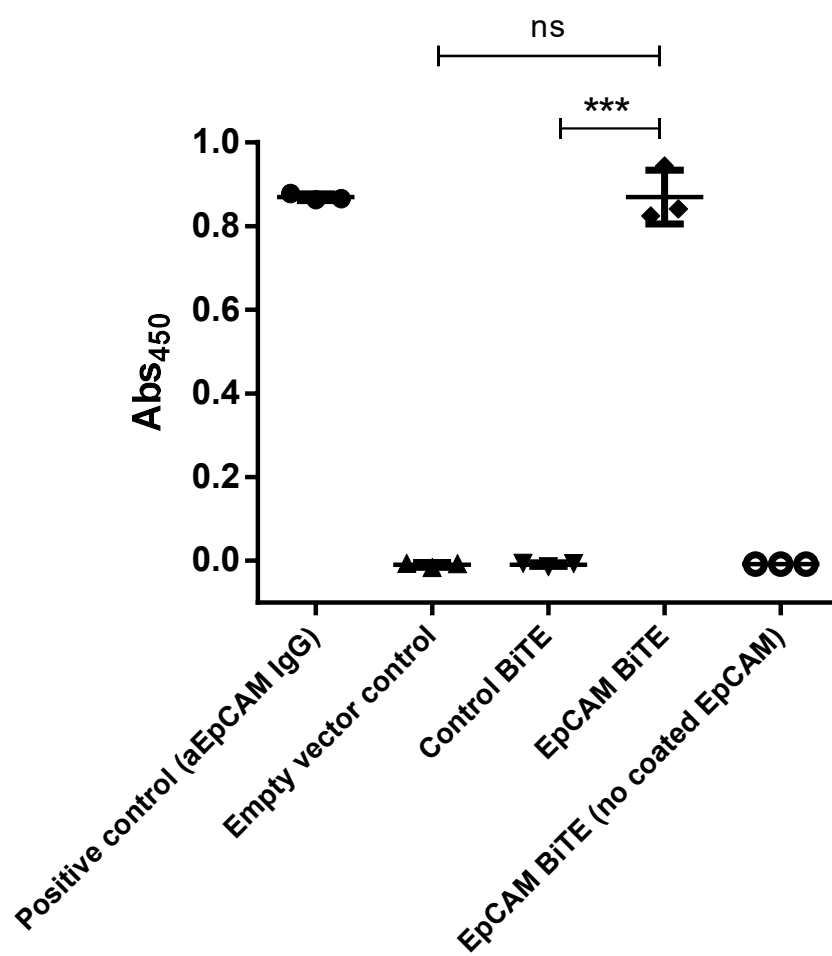


Figure 46

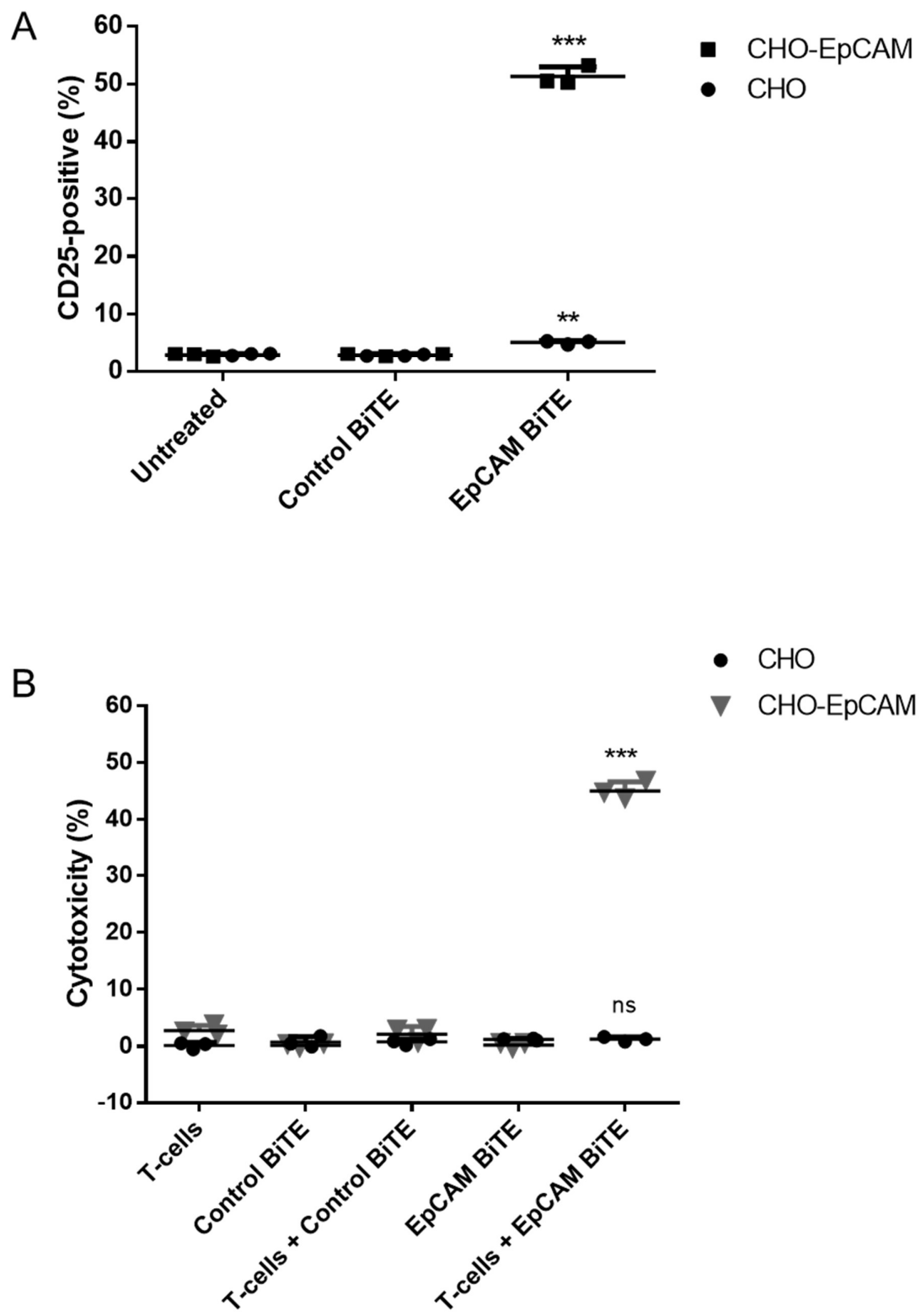


Figure 47

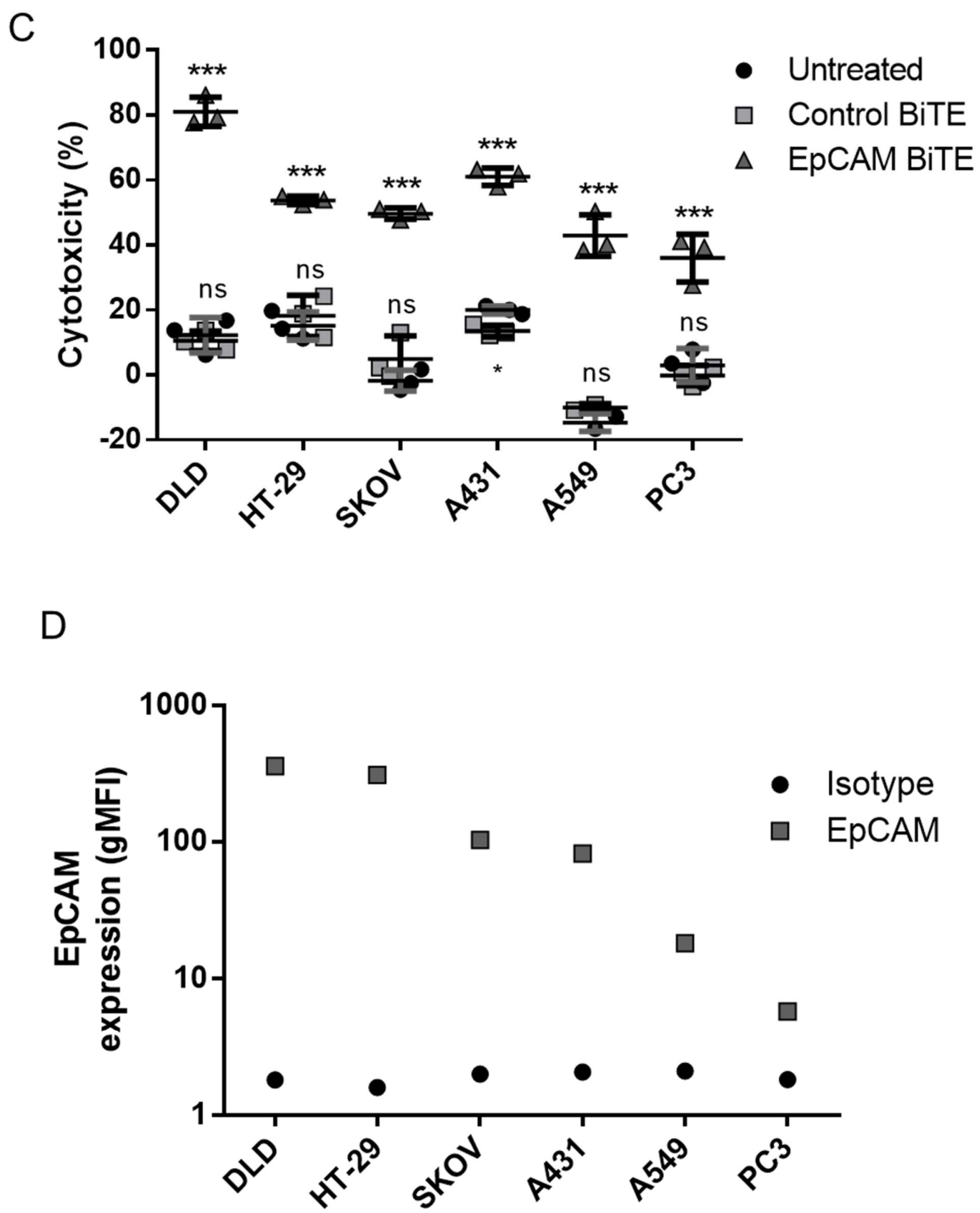


Figure 47 cont.

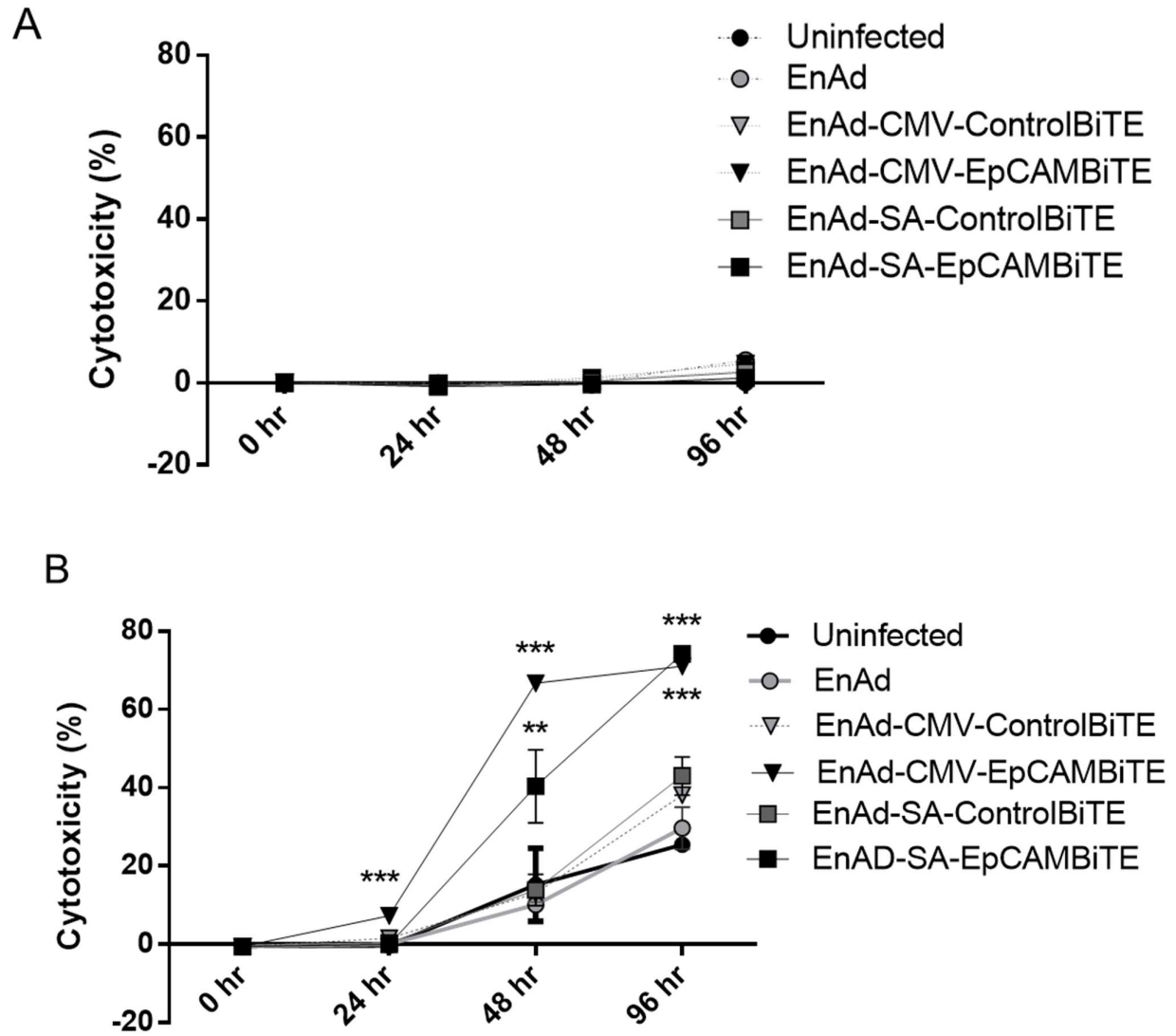
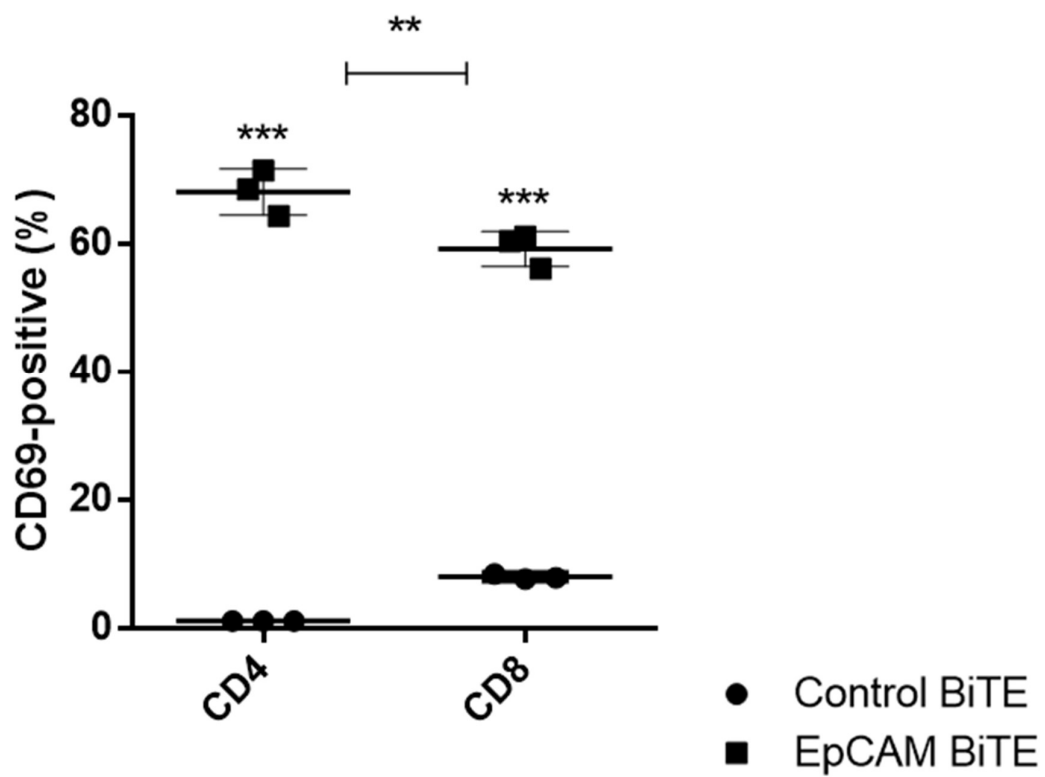
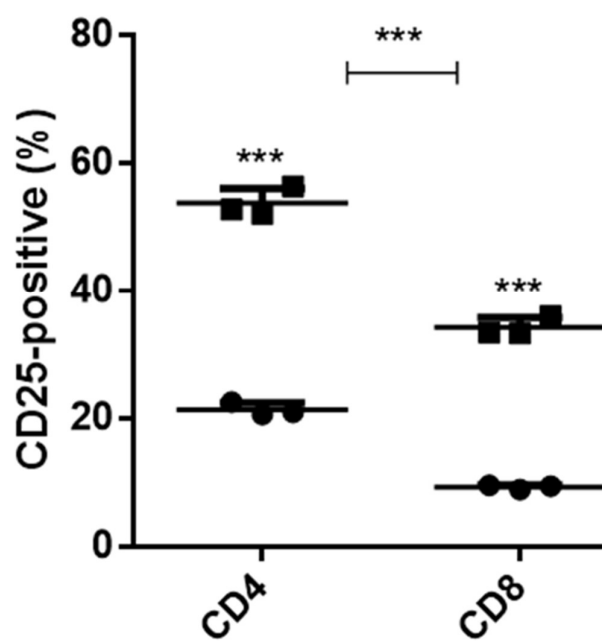
Figure 48

Figure 49A



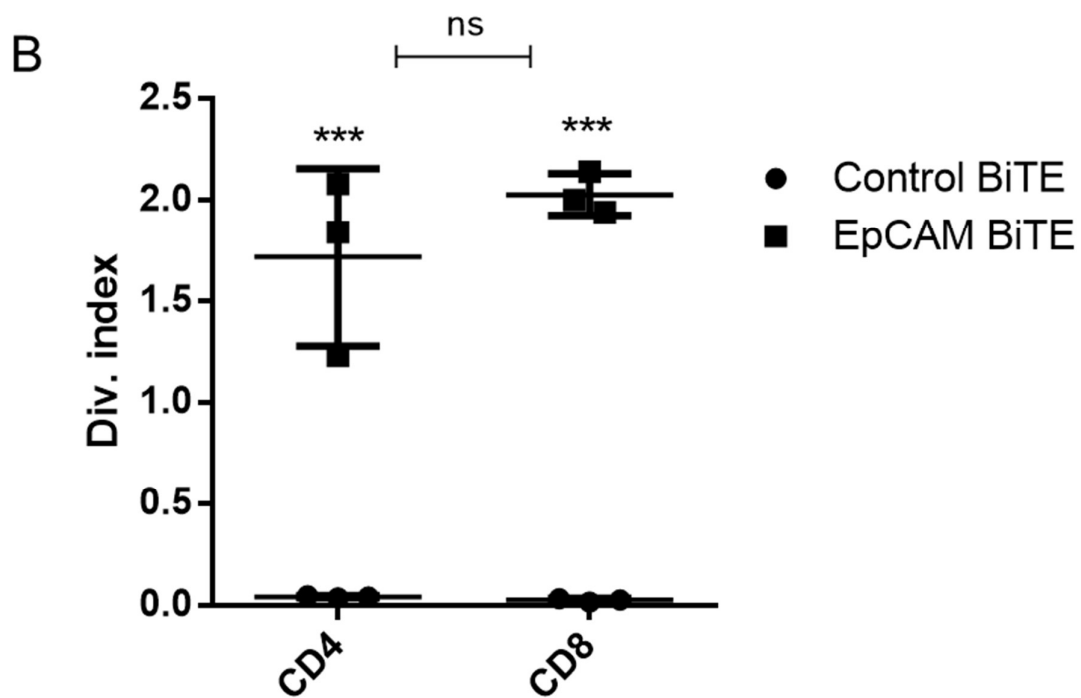
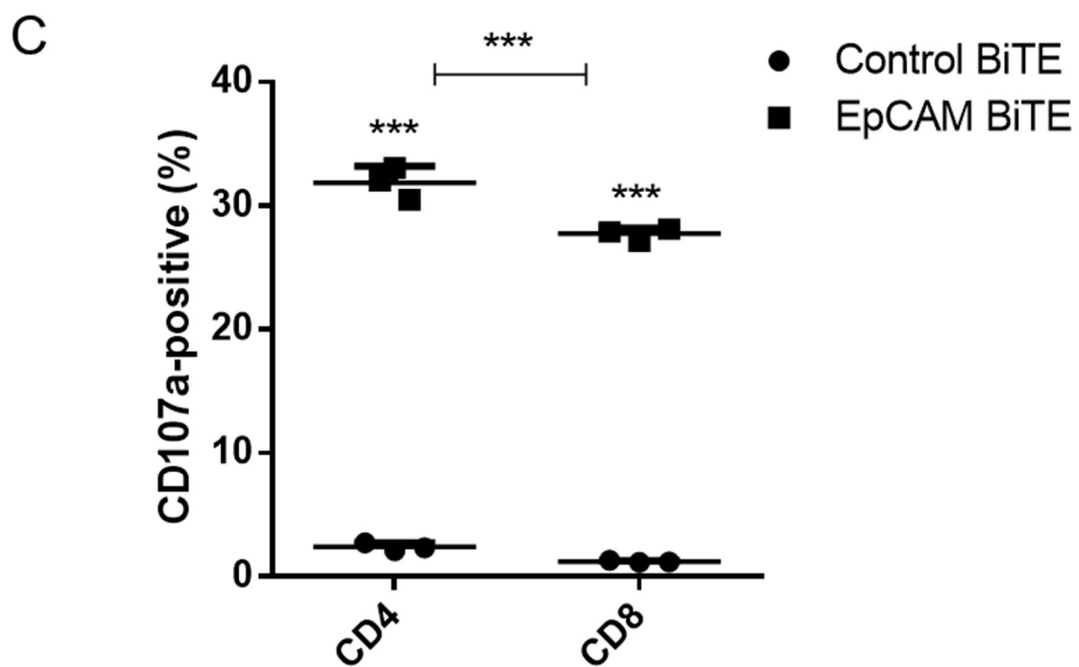


Figure 49 cont.

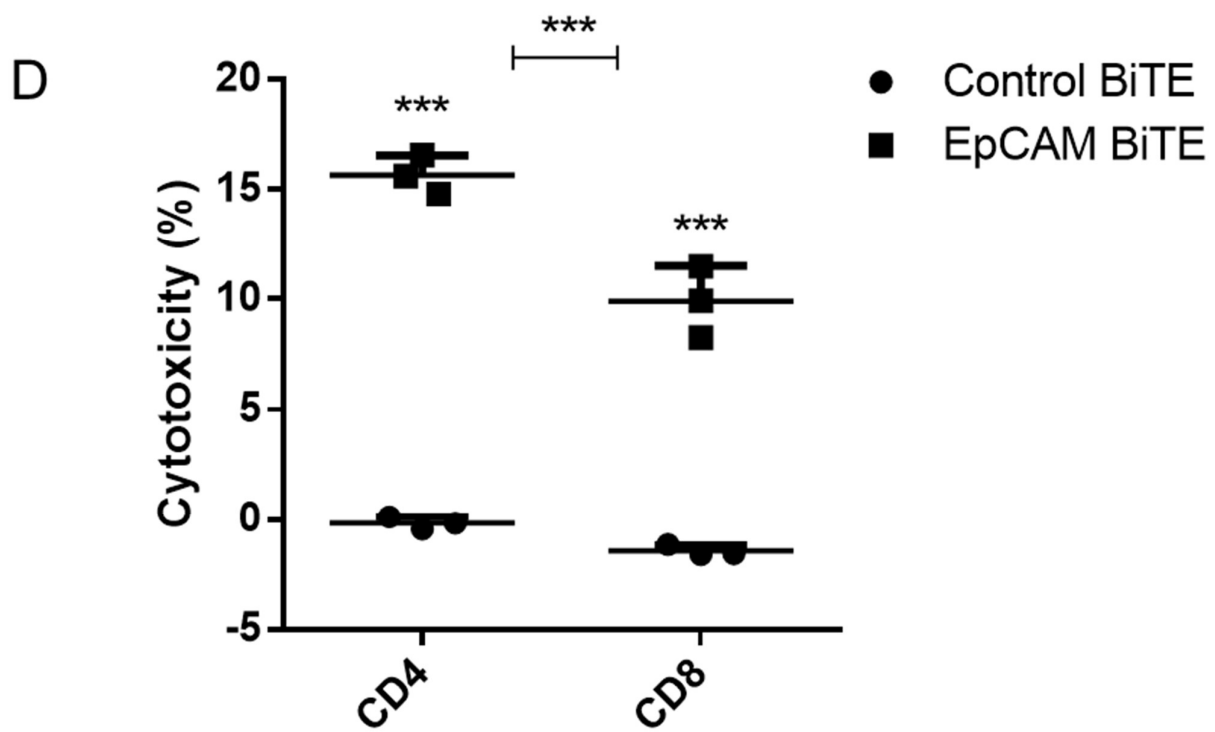


Figure 49 cont.

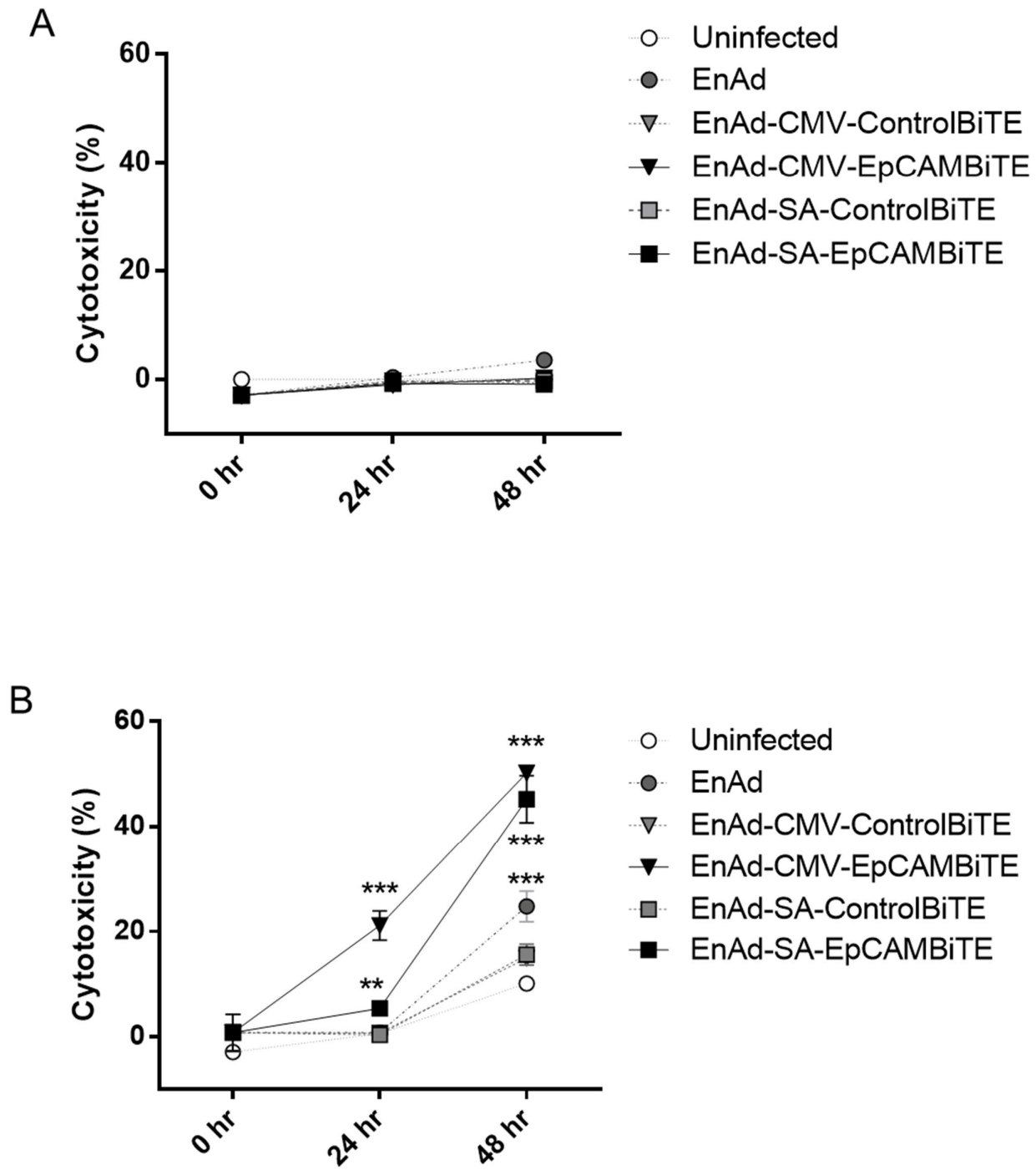


Figure 50

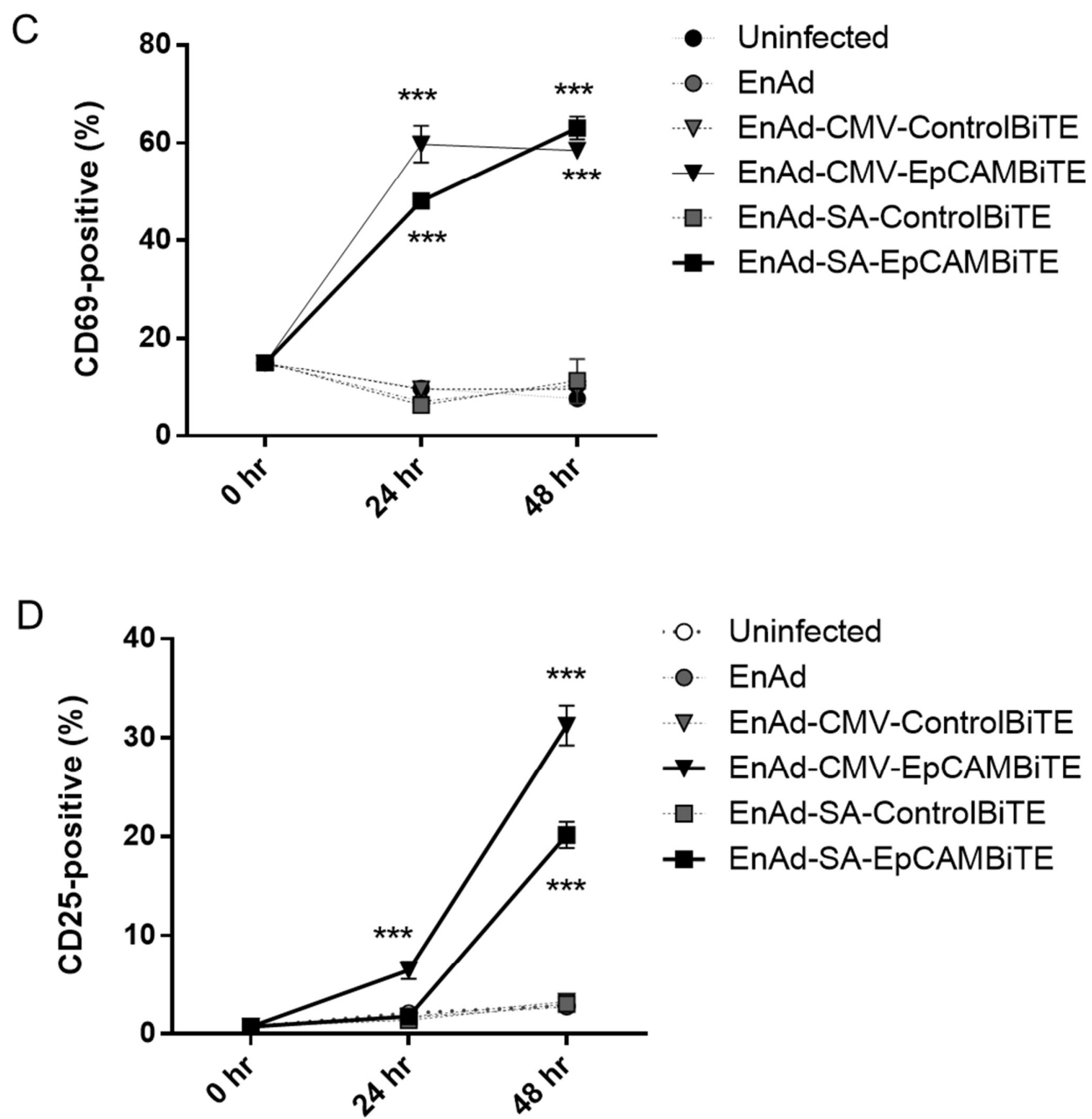


Figure 50 cont.

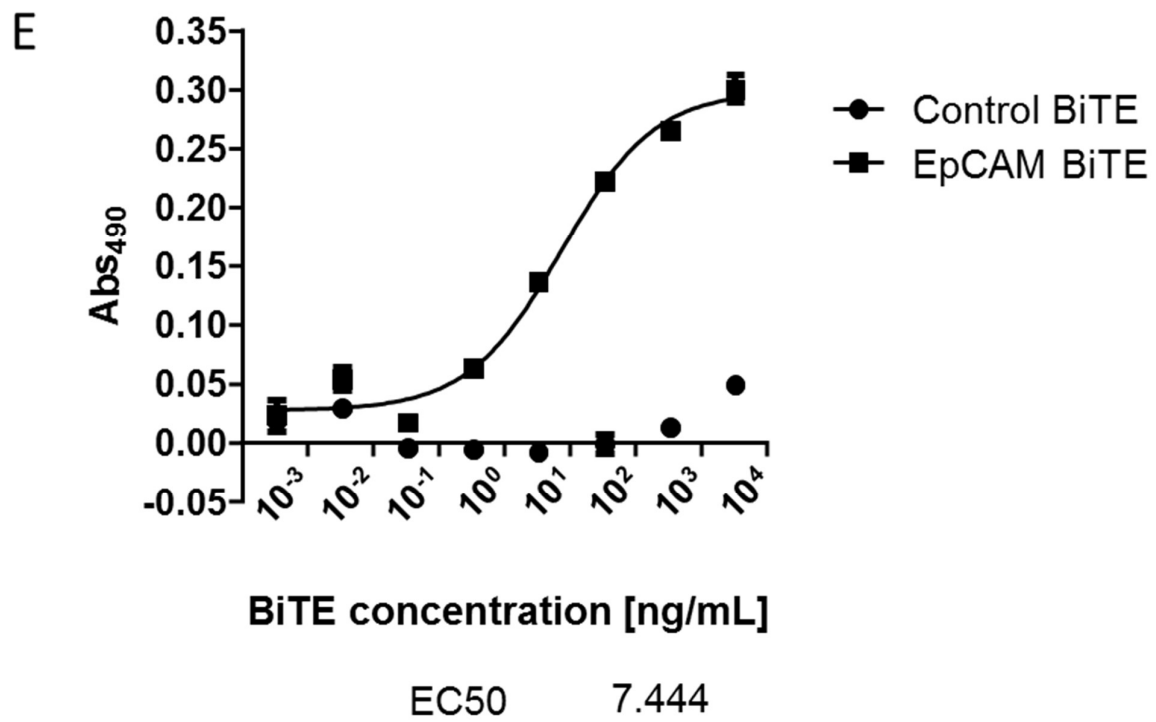
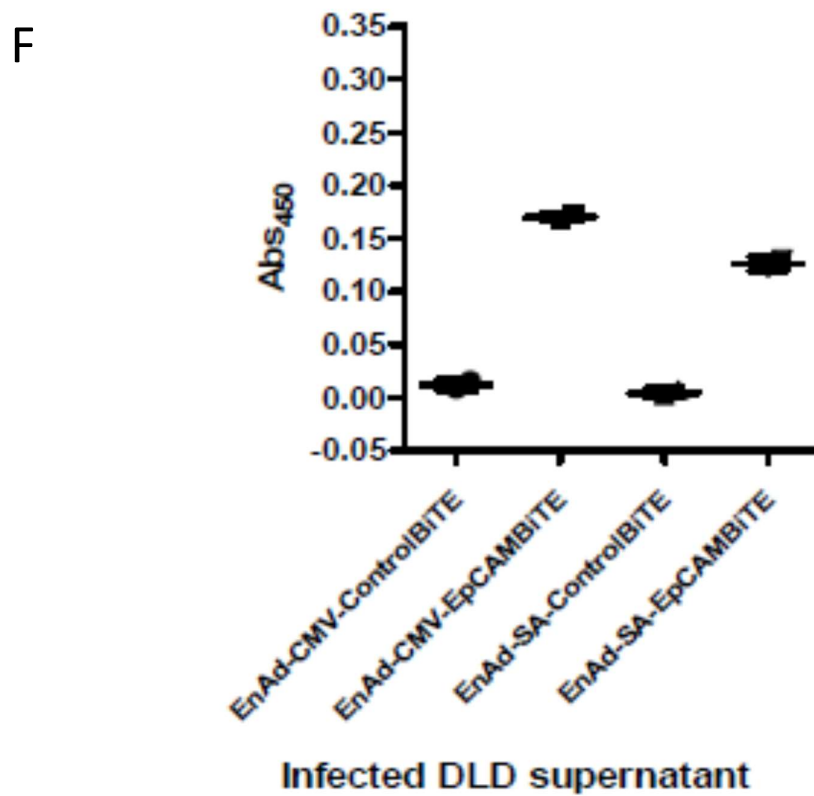


Figure 50 cont.

G

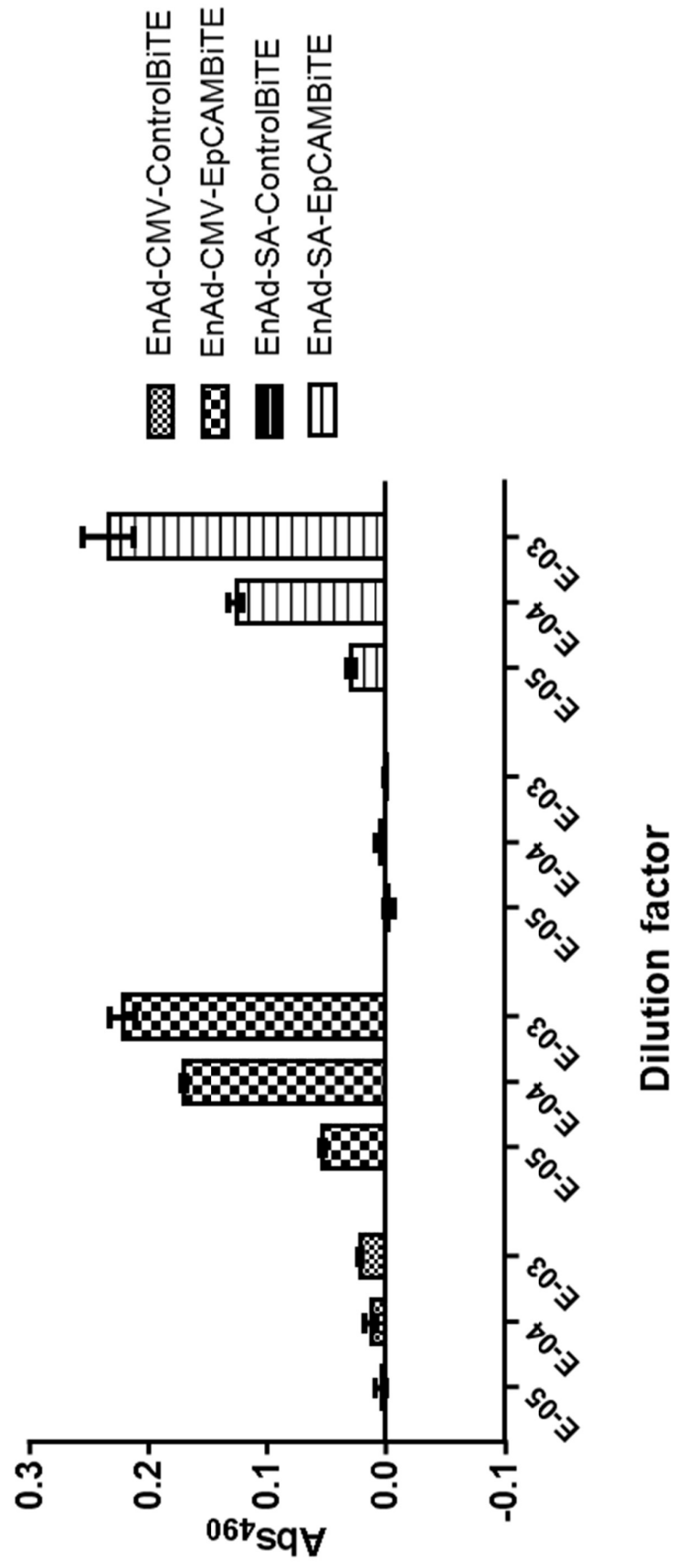
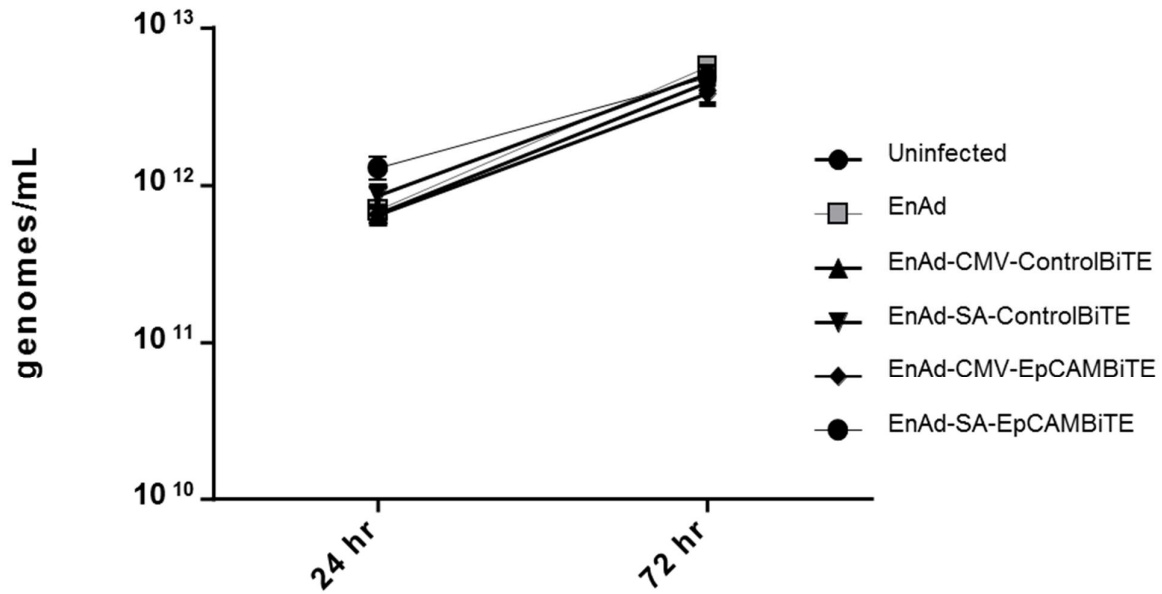


Figure 50 cont.

A



B

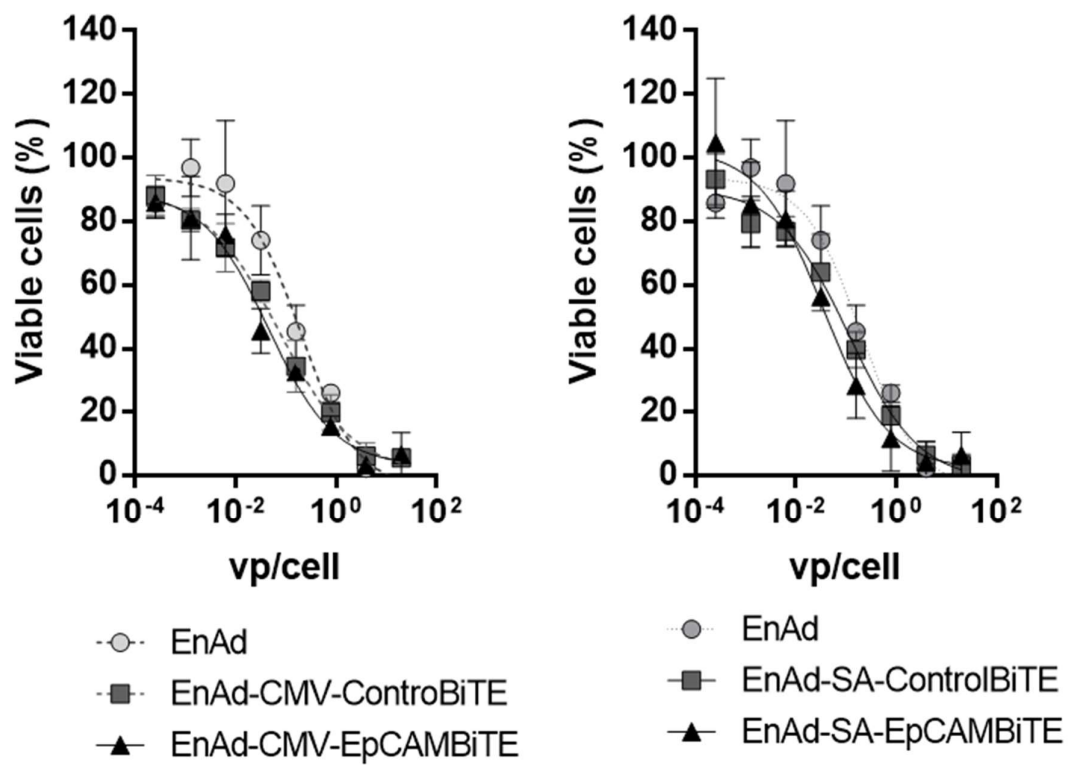


Figure 51

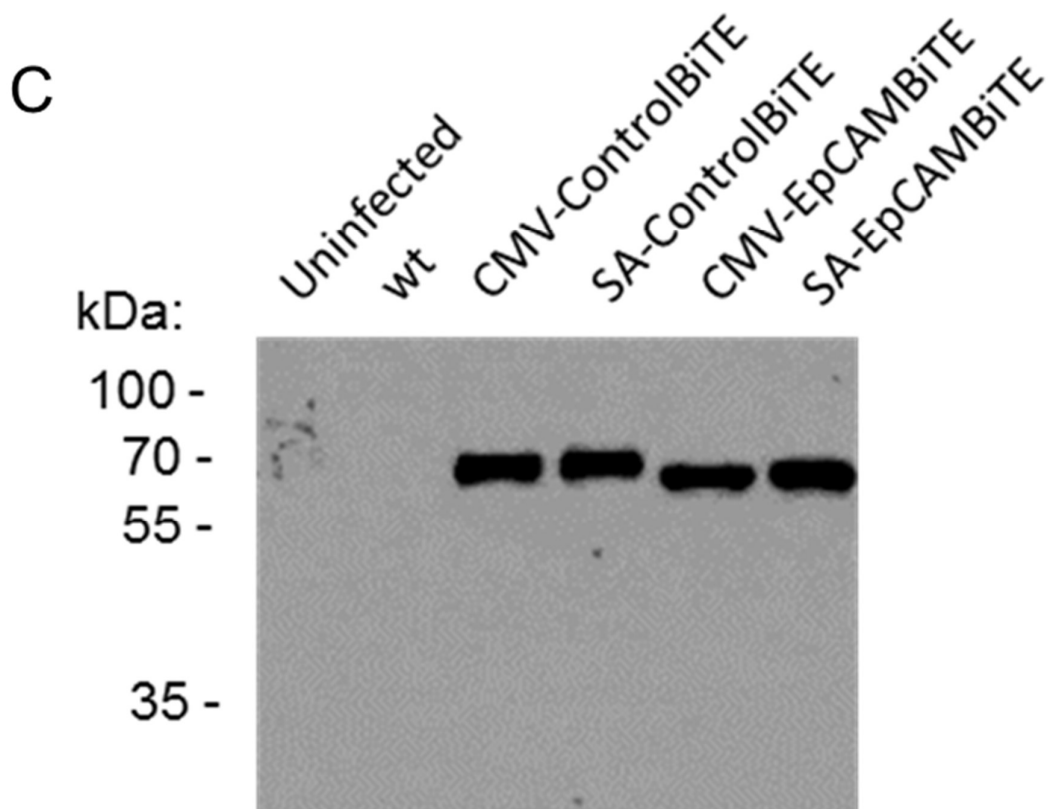


Figure 51 cont.

D

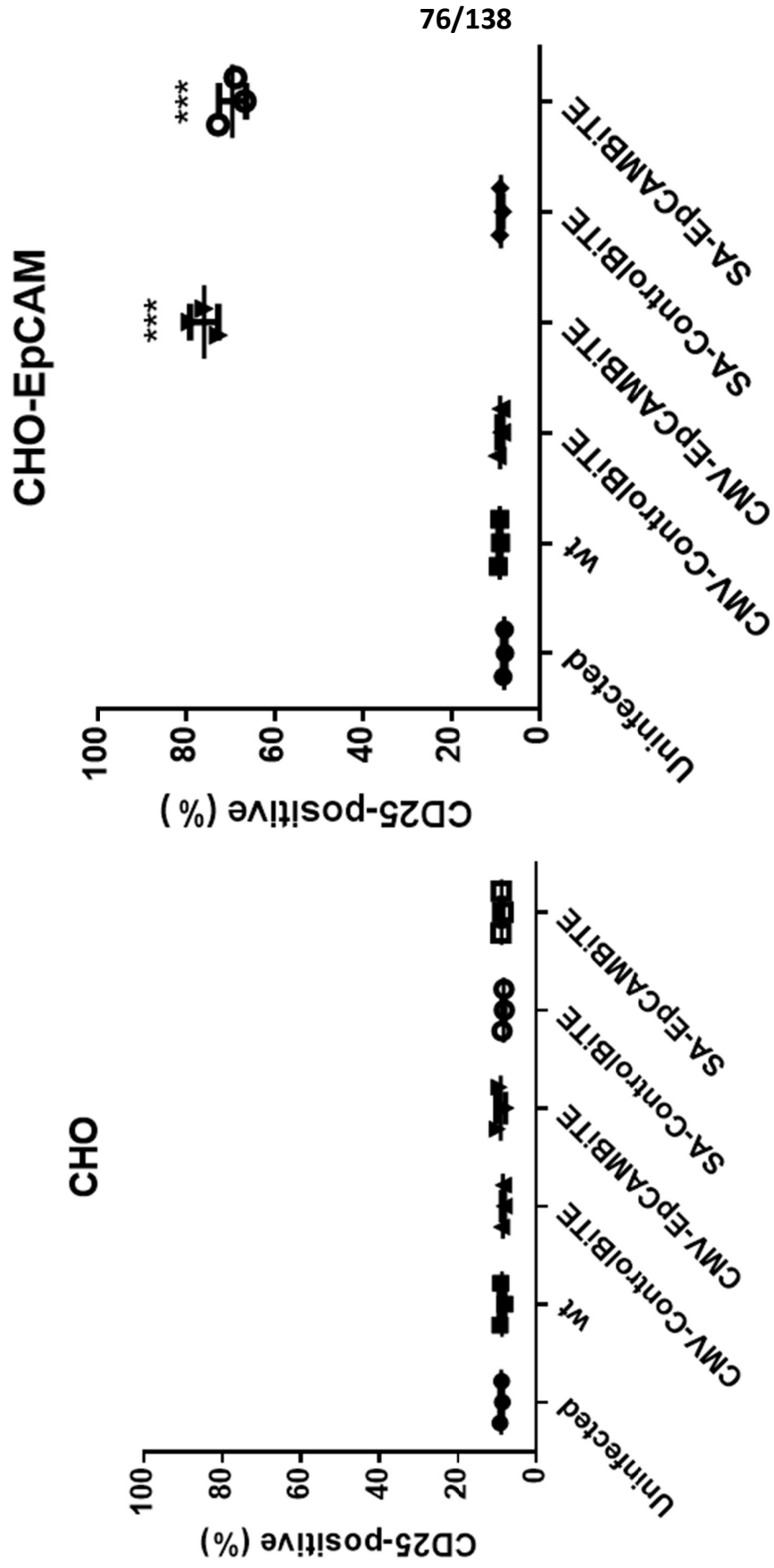


Figure 51 cont.

E

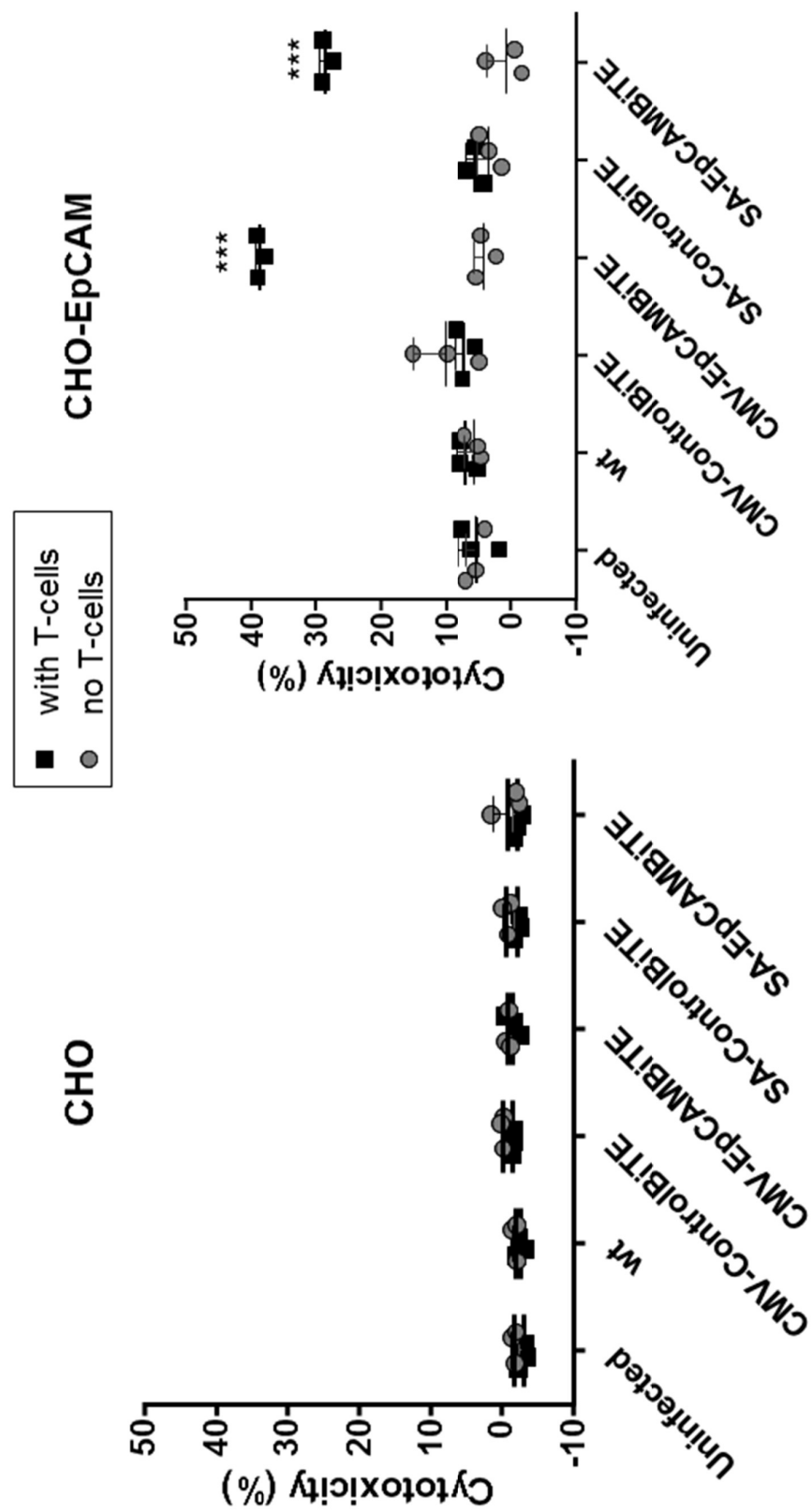
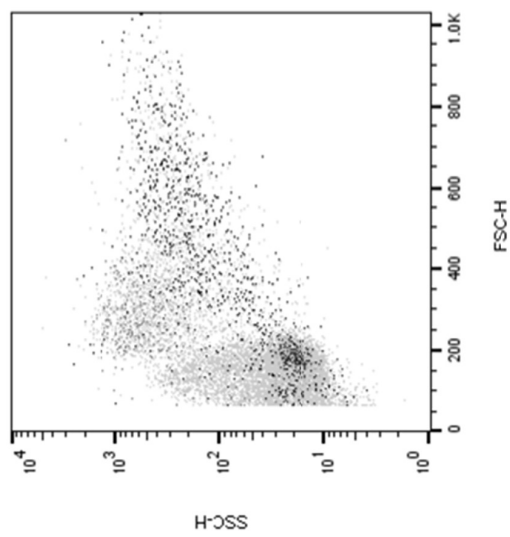
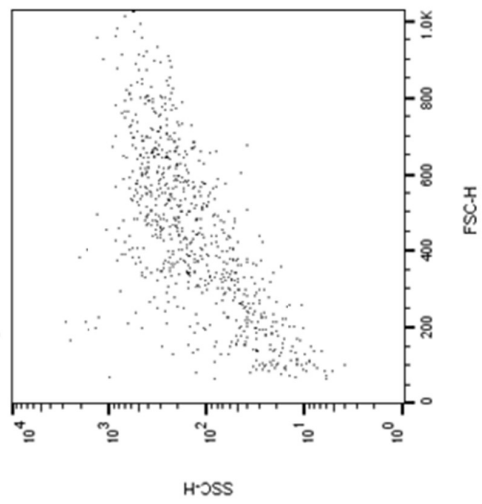


Figure 51 cont.

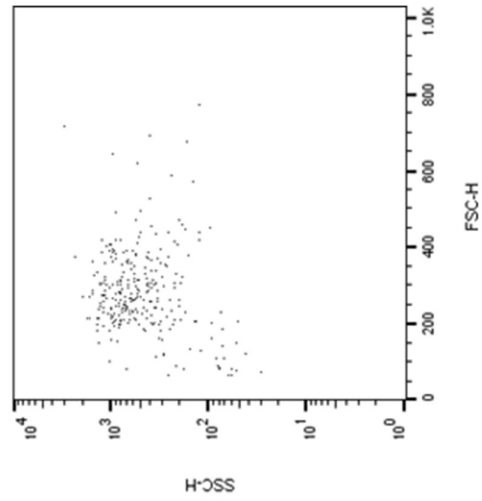
A



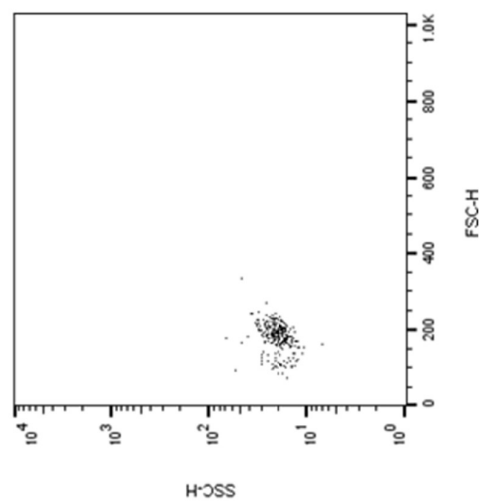
EpCAM+



CD11b+



CD3+



PD1+

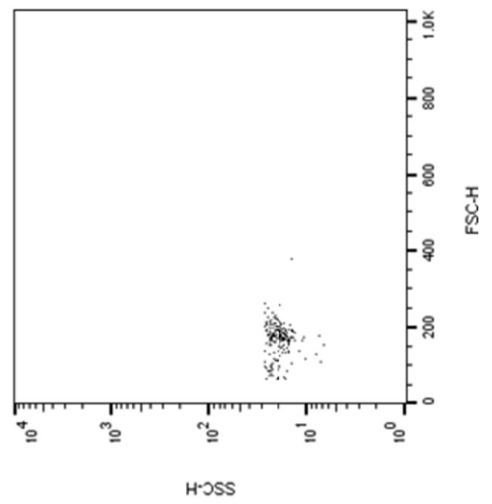


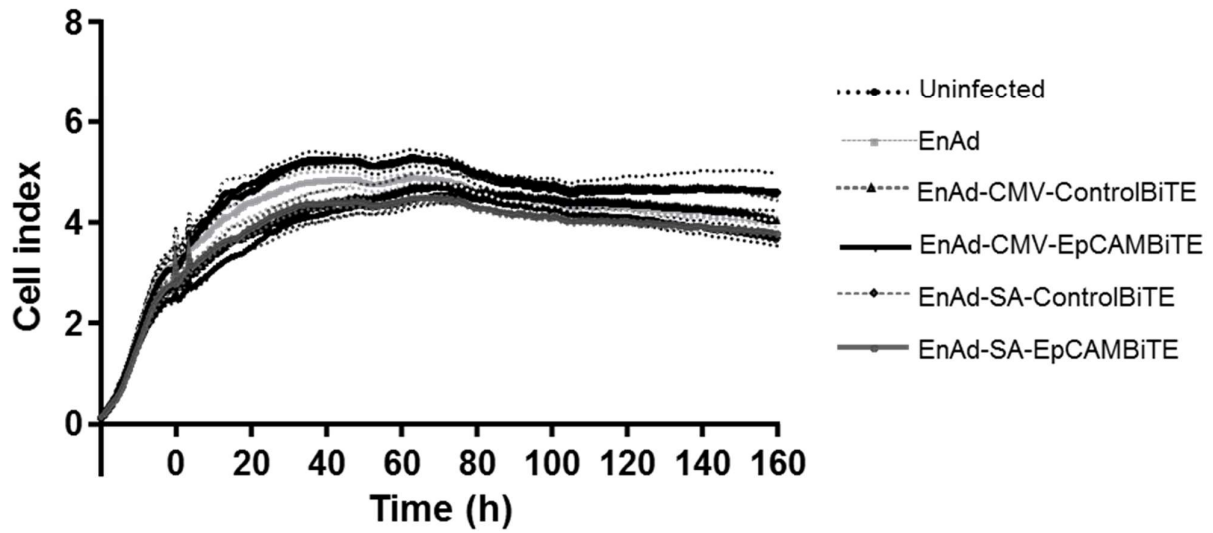
Figure 52

B

Subset	Count
EpCAM	749
CD3	289
PD1	206
CD11b	277
Total	10000

Figure 52

A



B

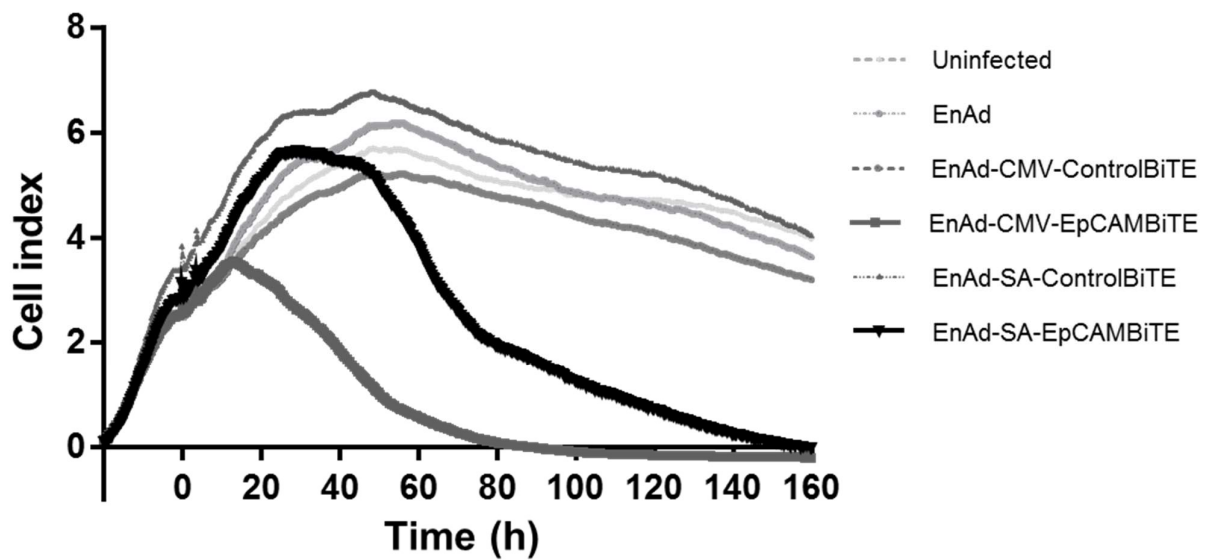


Figure 53

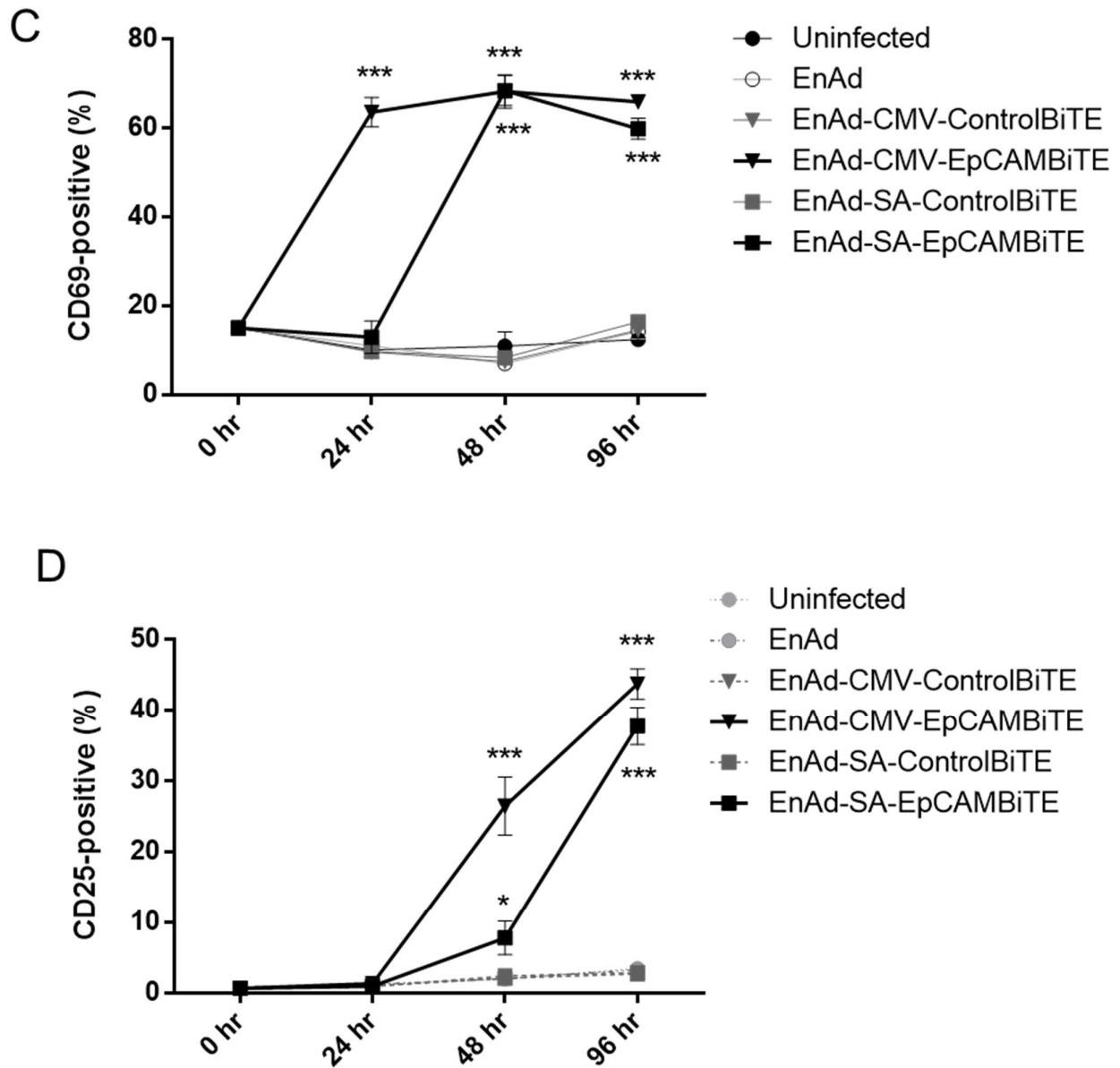


Figure 53 cont.

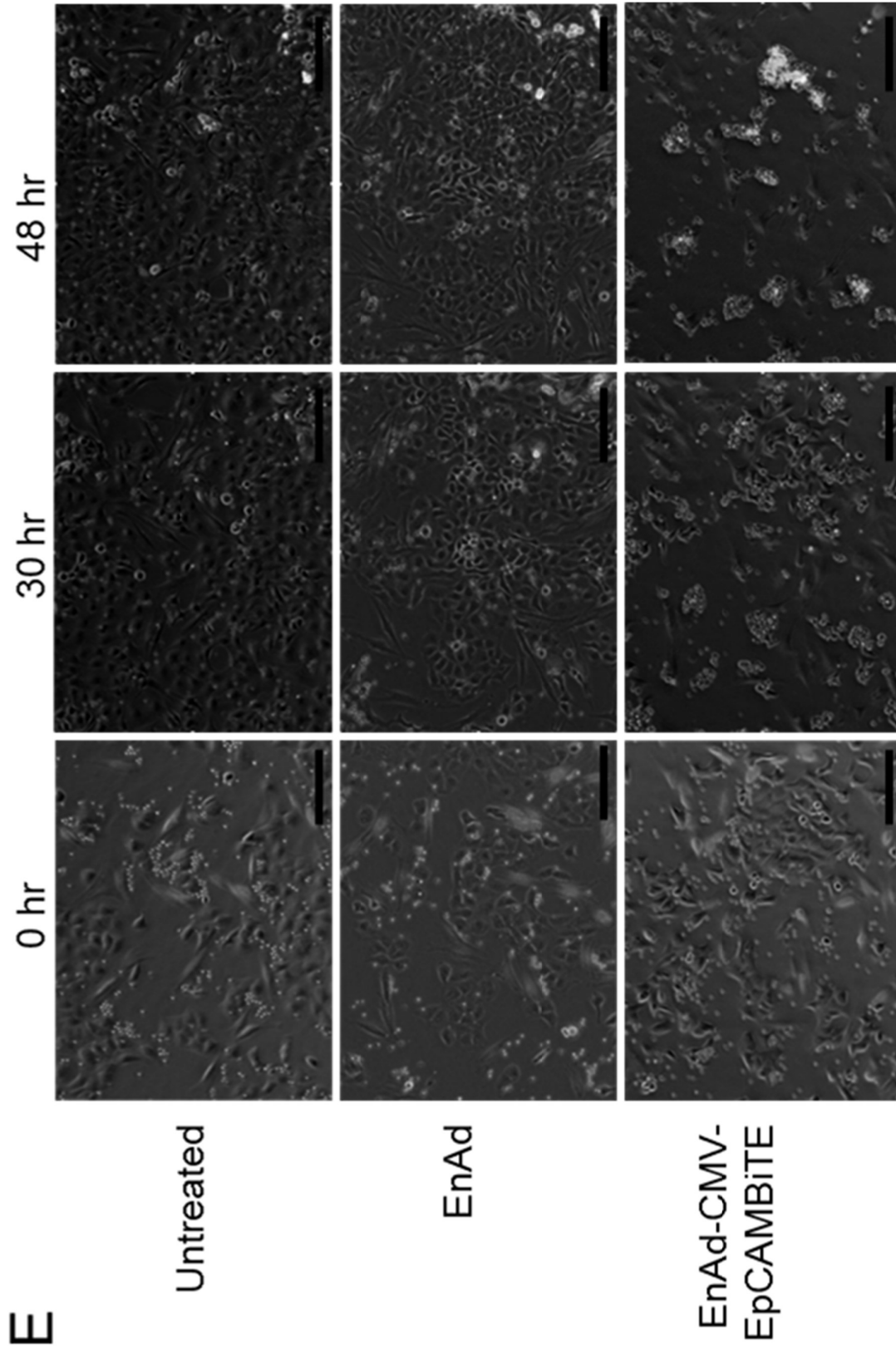


Figure 53 cont.

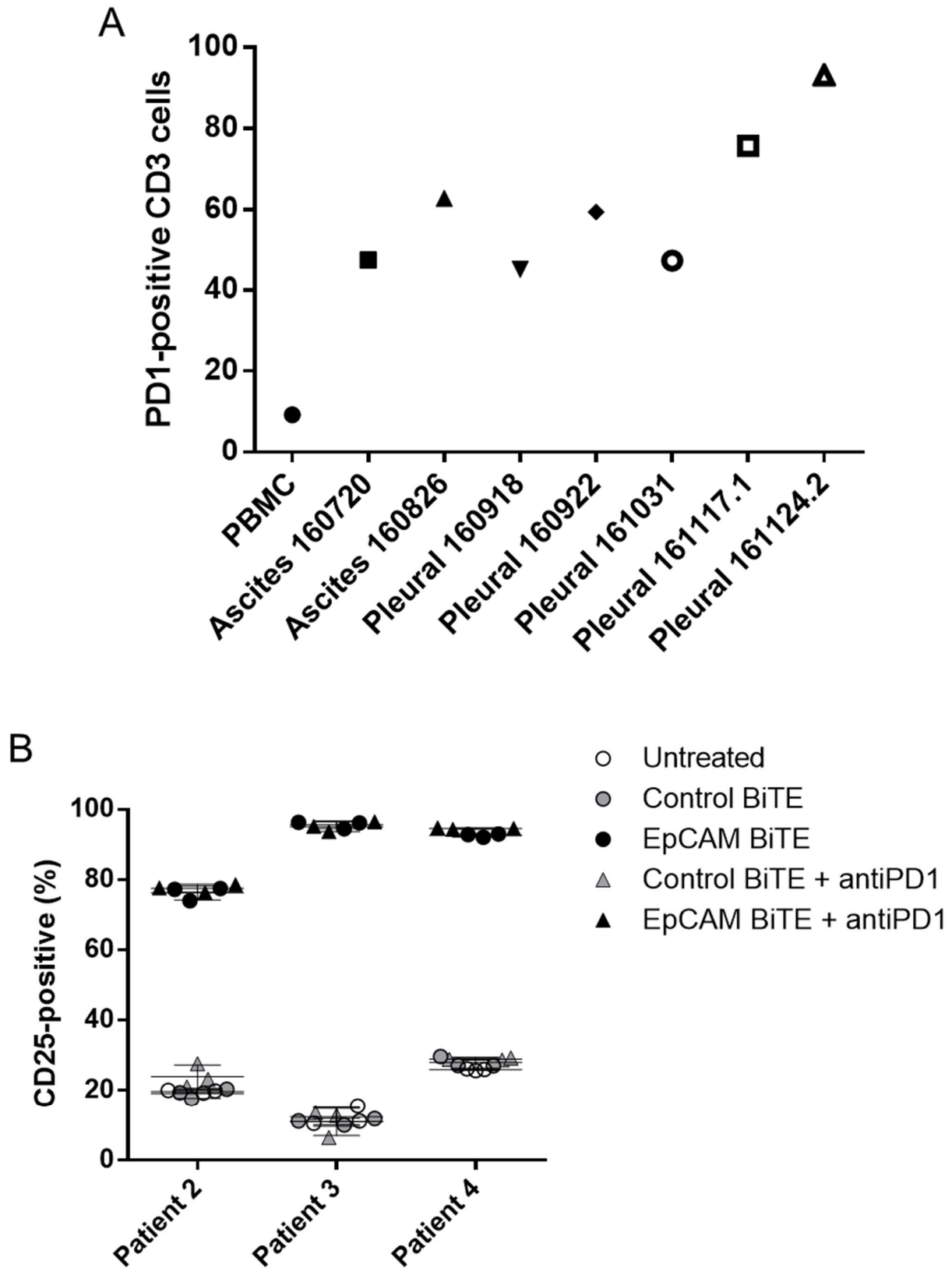


Figure 54

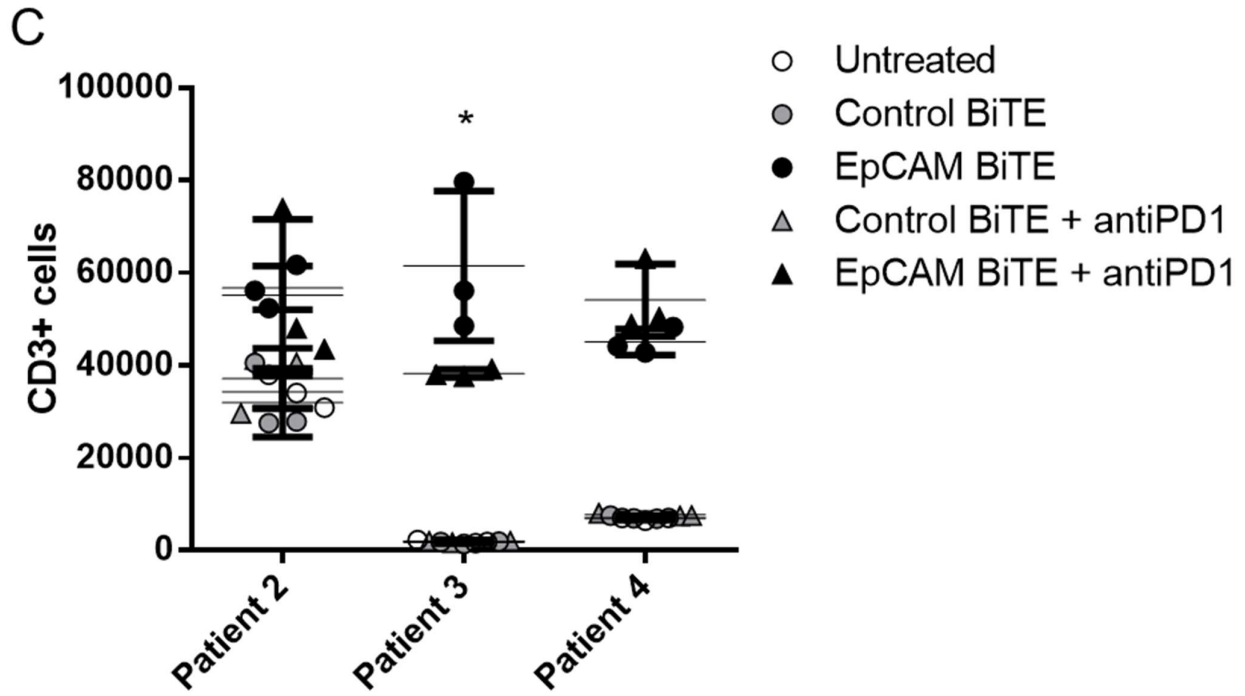
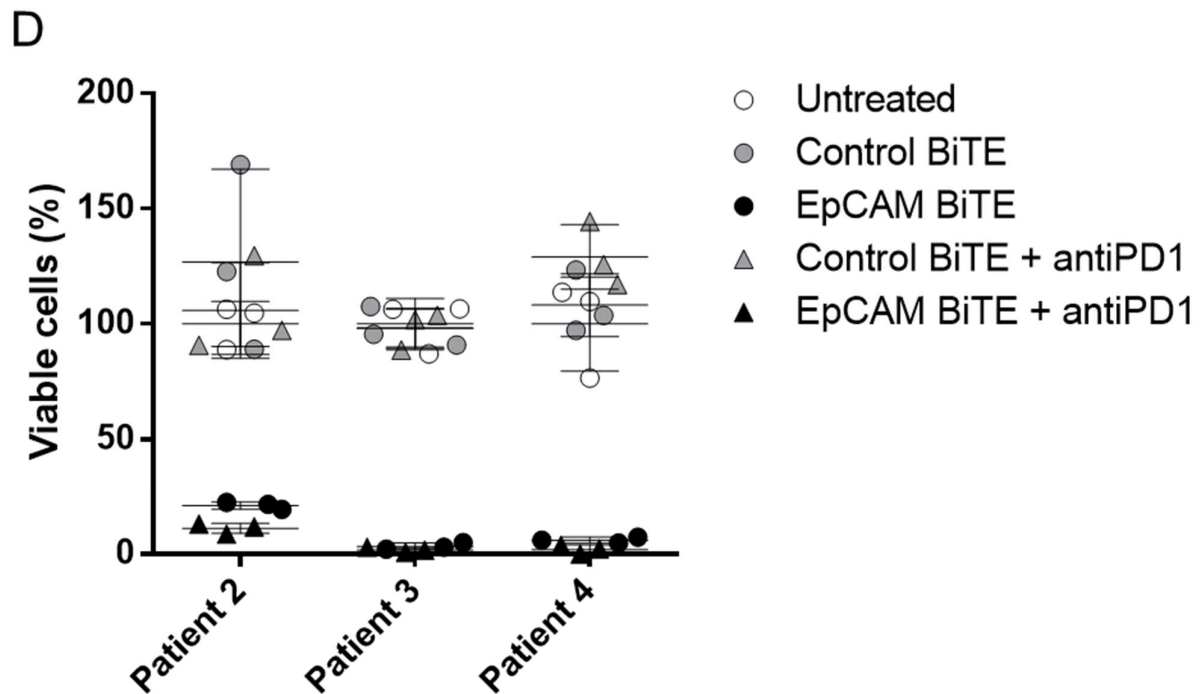


Figure 54 cont.

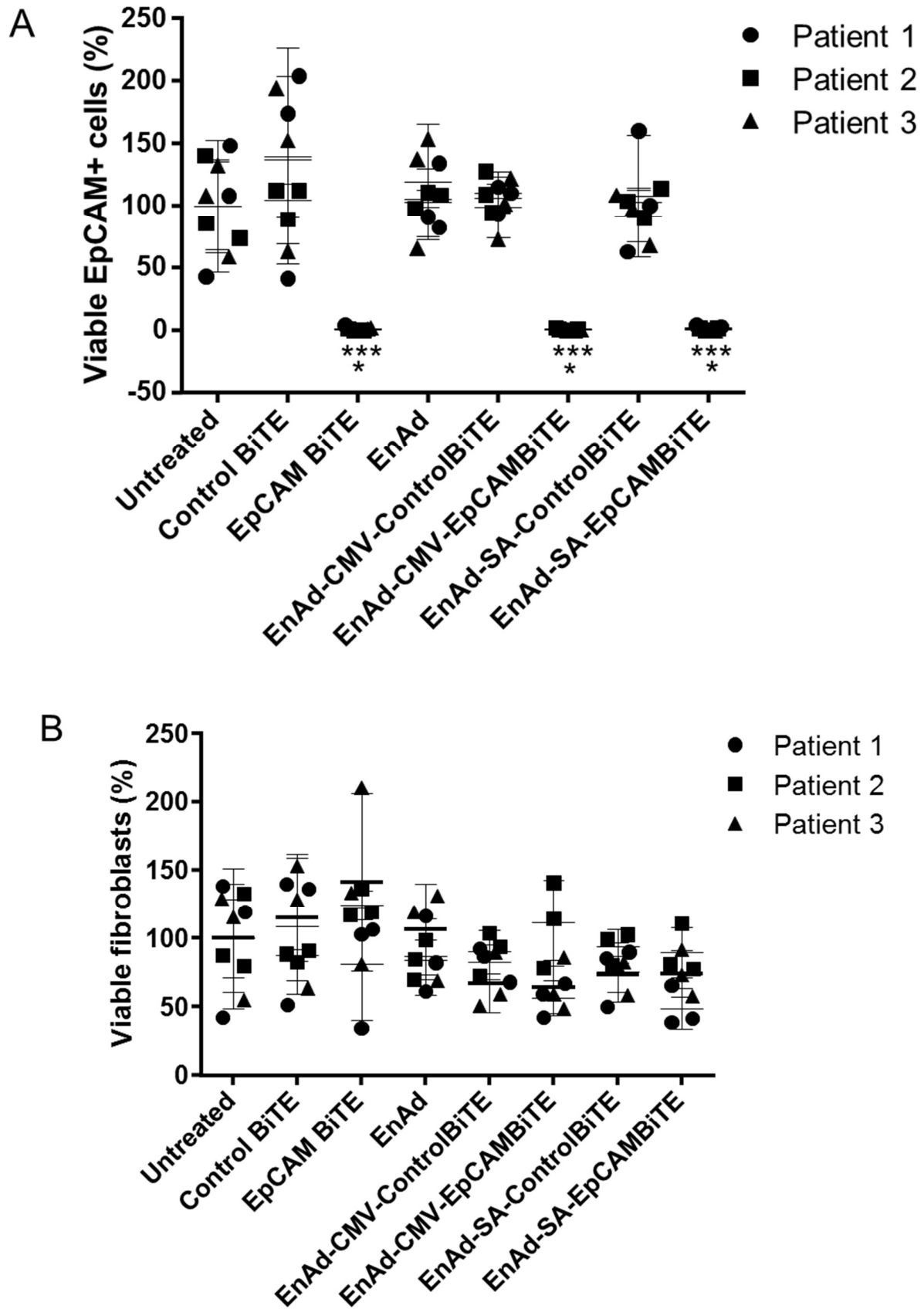


Figure 55

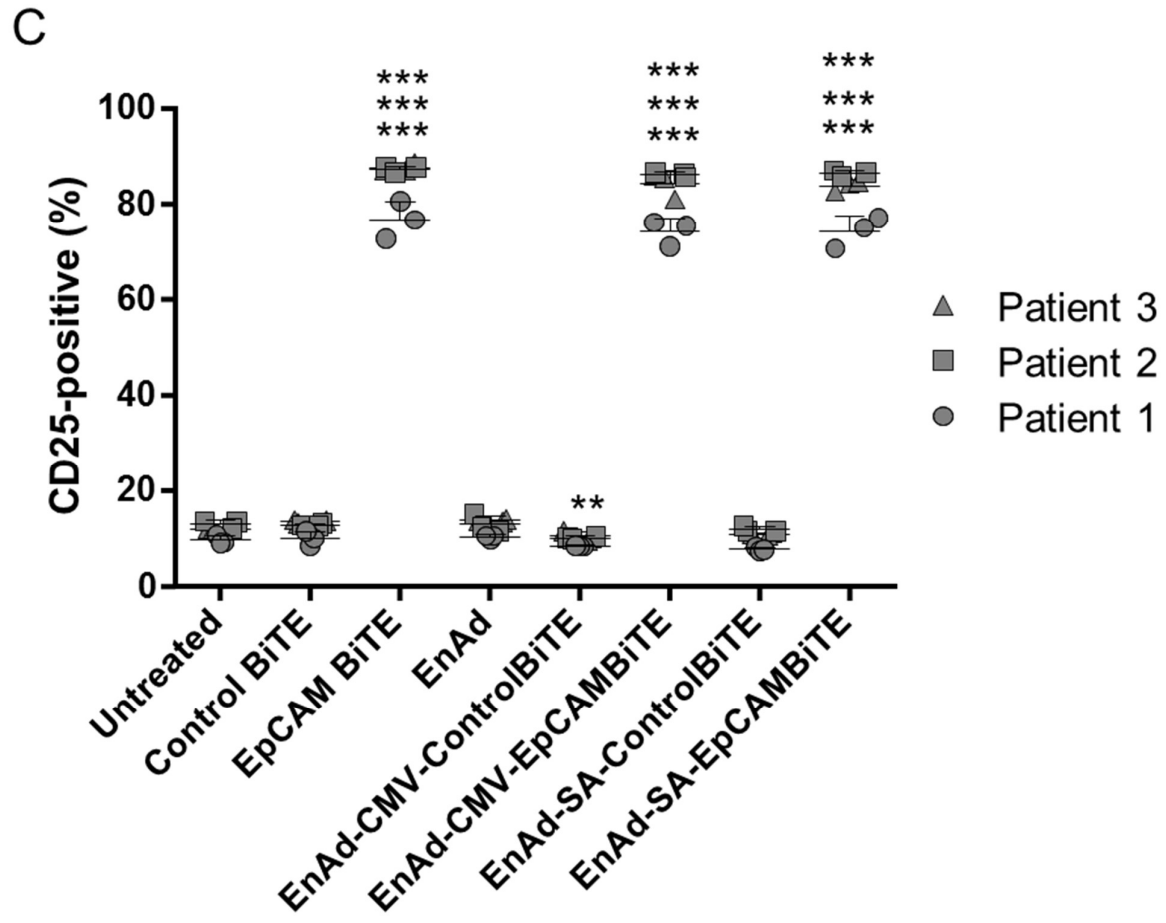
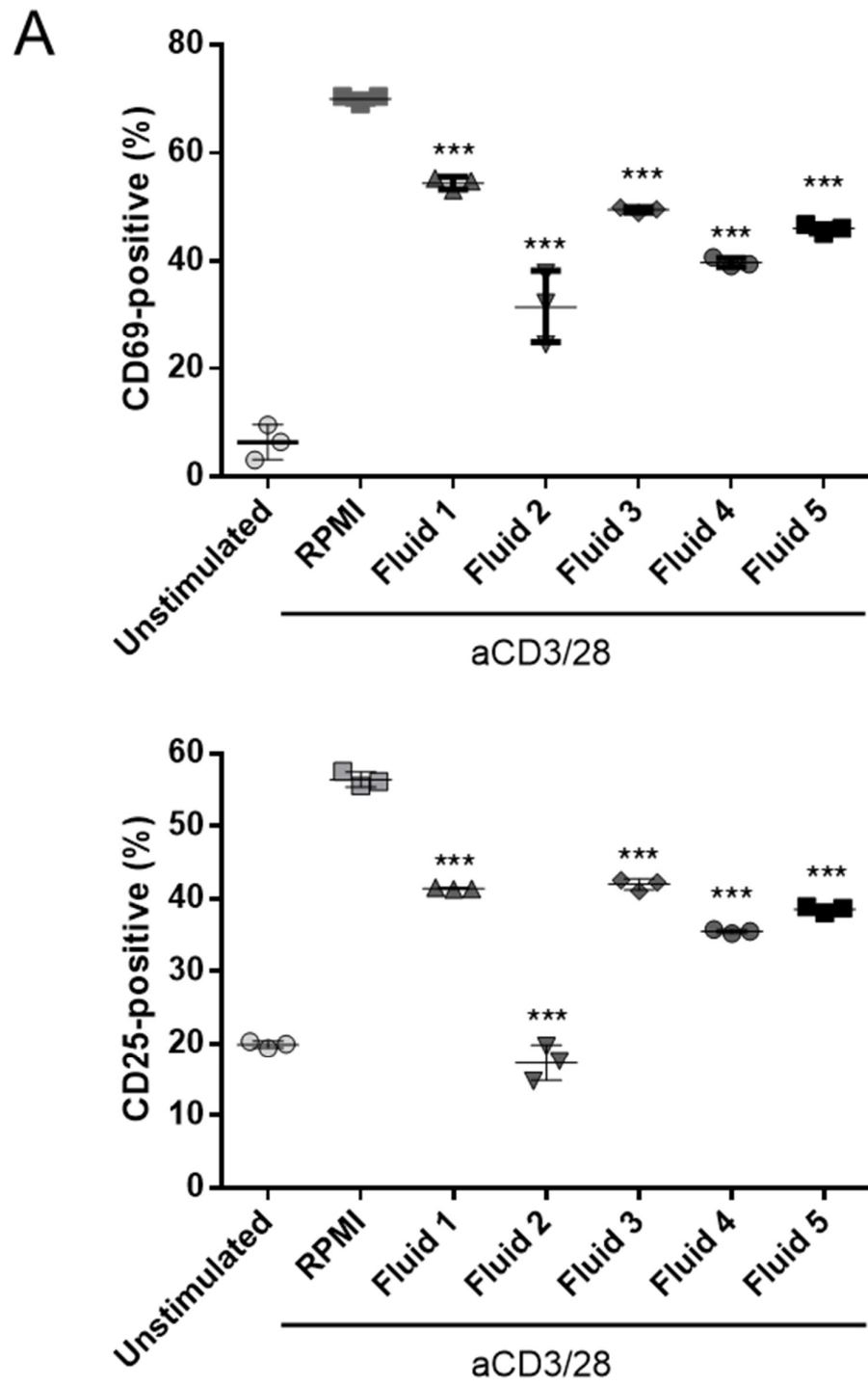


Figure 55 cont.

**Figure 56**

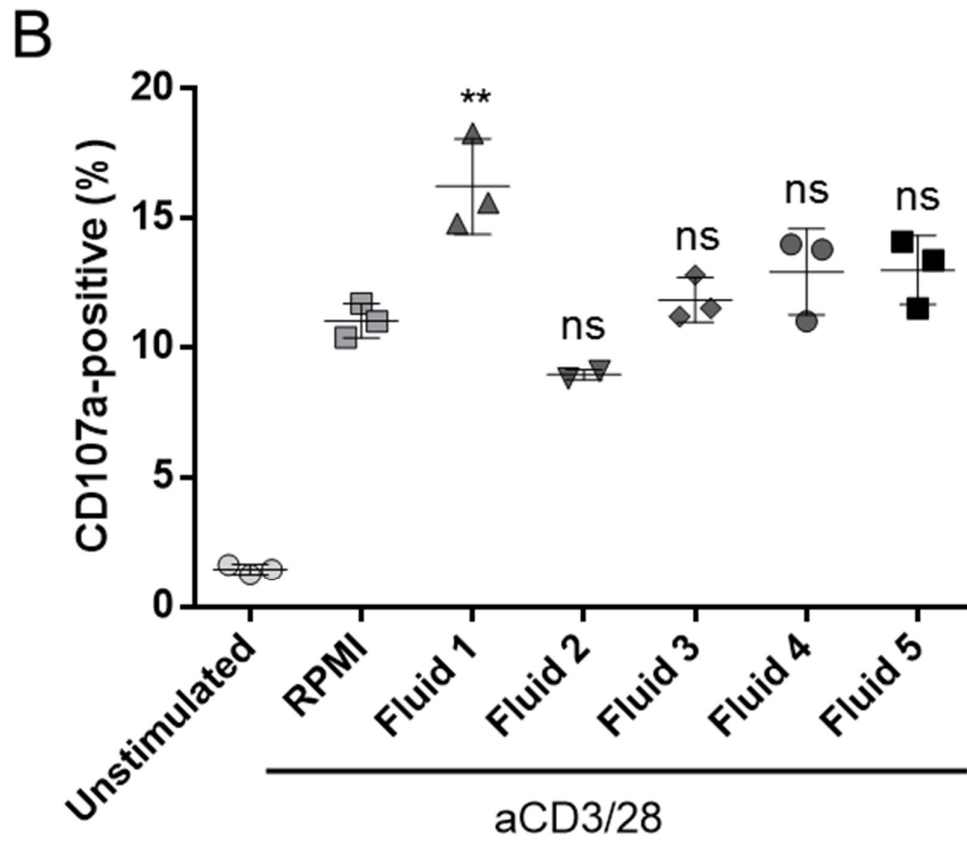


Figure 56 cont.

C

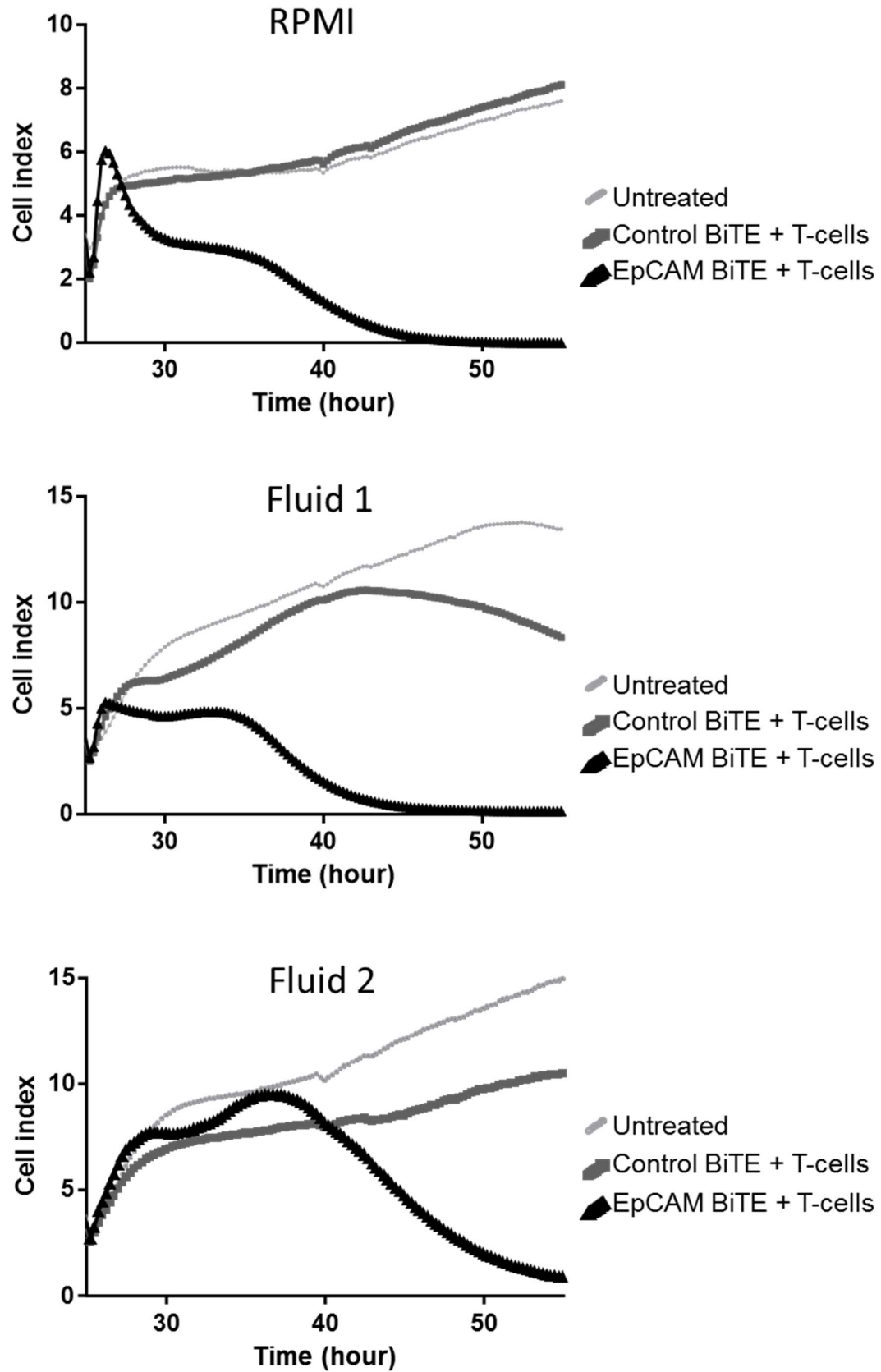


Figure 56 cont.

D

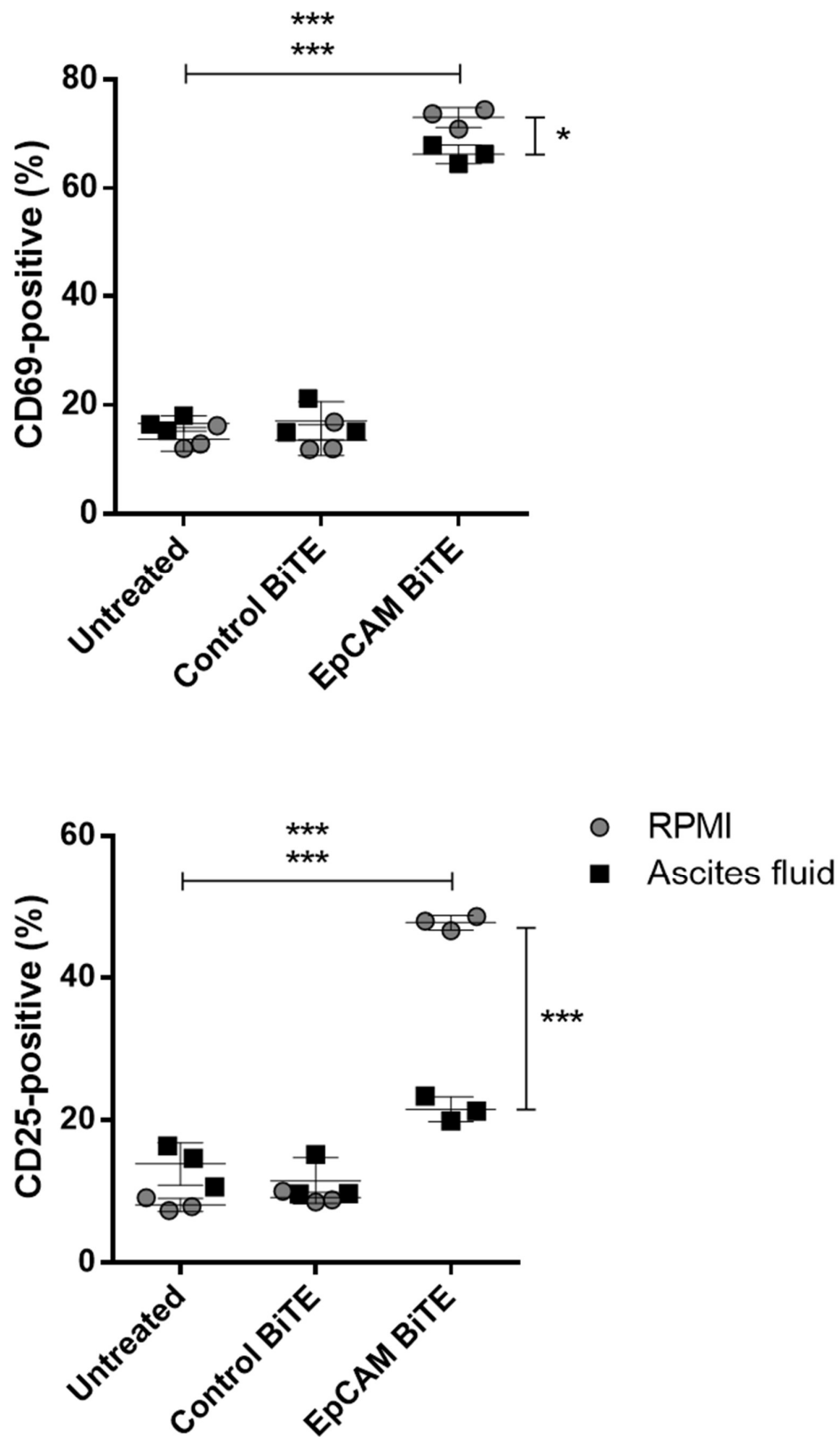
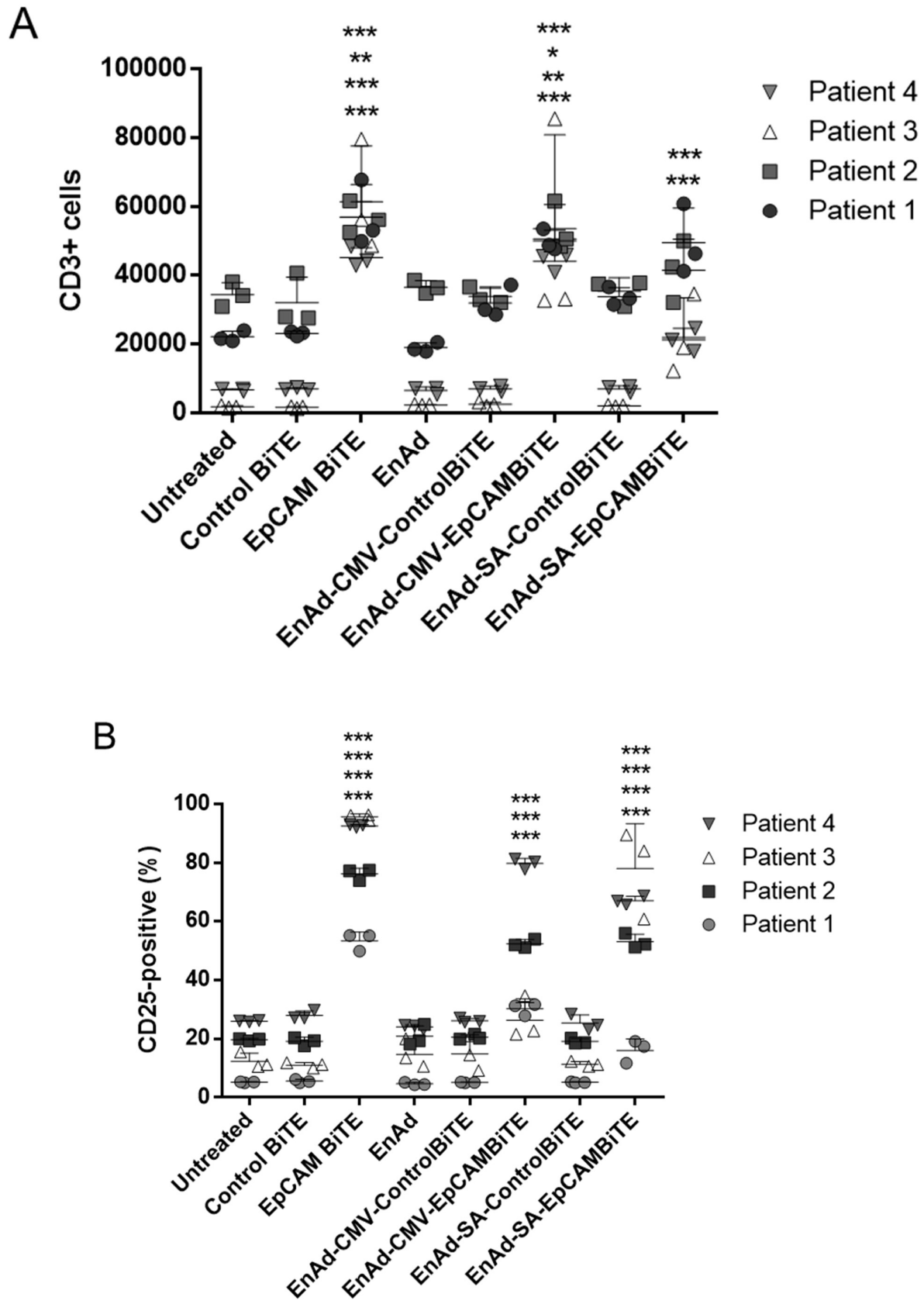


Figure 56 cont.



C

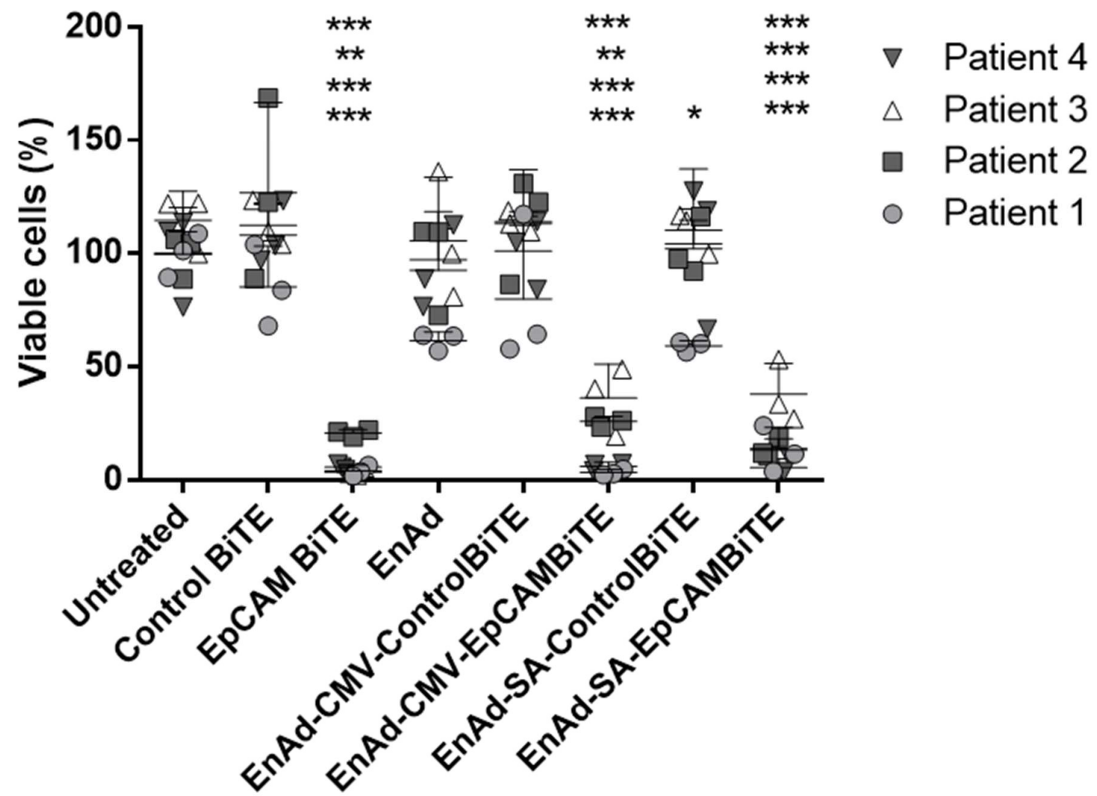
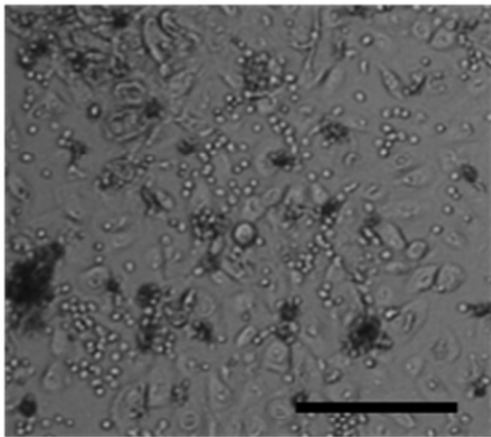
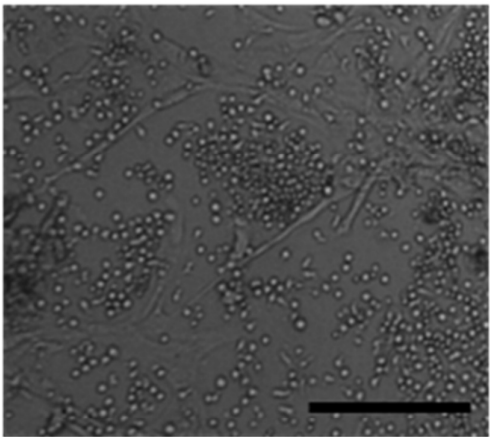
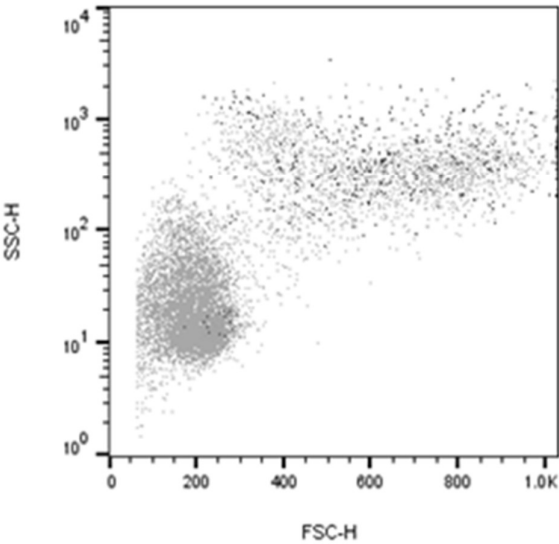


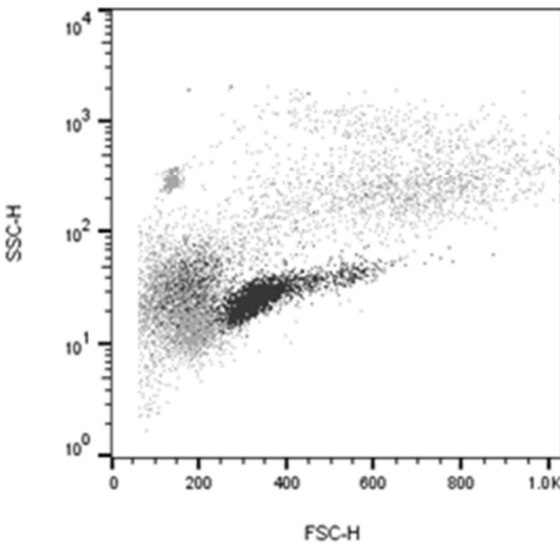
Figure 57 cont.

D EnAd

EnAd-CMV-EpCAMBiTE



	Sample Name	Subset Name	Count
■	[conBiTE 1.063]	EpCAM-positive	310
■	[conBiTE 1.063]	CD25-positive	16.0
■	[conBiTE 1.063]	CD3	160
■	[conBiTE 1.063]	Cells only	9408



	Sample Name	Subset Name	Count
■	[epBiTE 1.066]	EpCAM-positive	6.00
■	[epBiTE 1.066]	CD25-positive	3214
■	[epBiTE 1.066]	CD3	3400
■	[epBiTE 1.066]	Ungated	10000

Figure 57 cont.

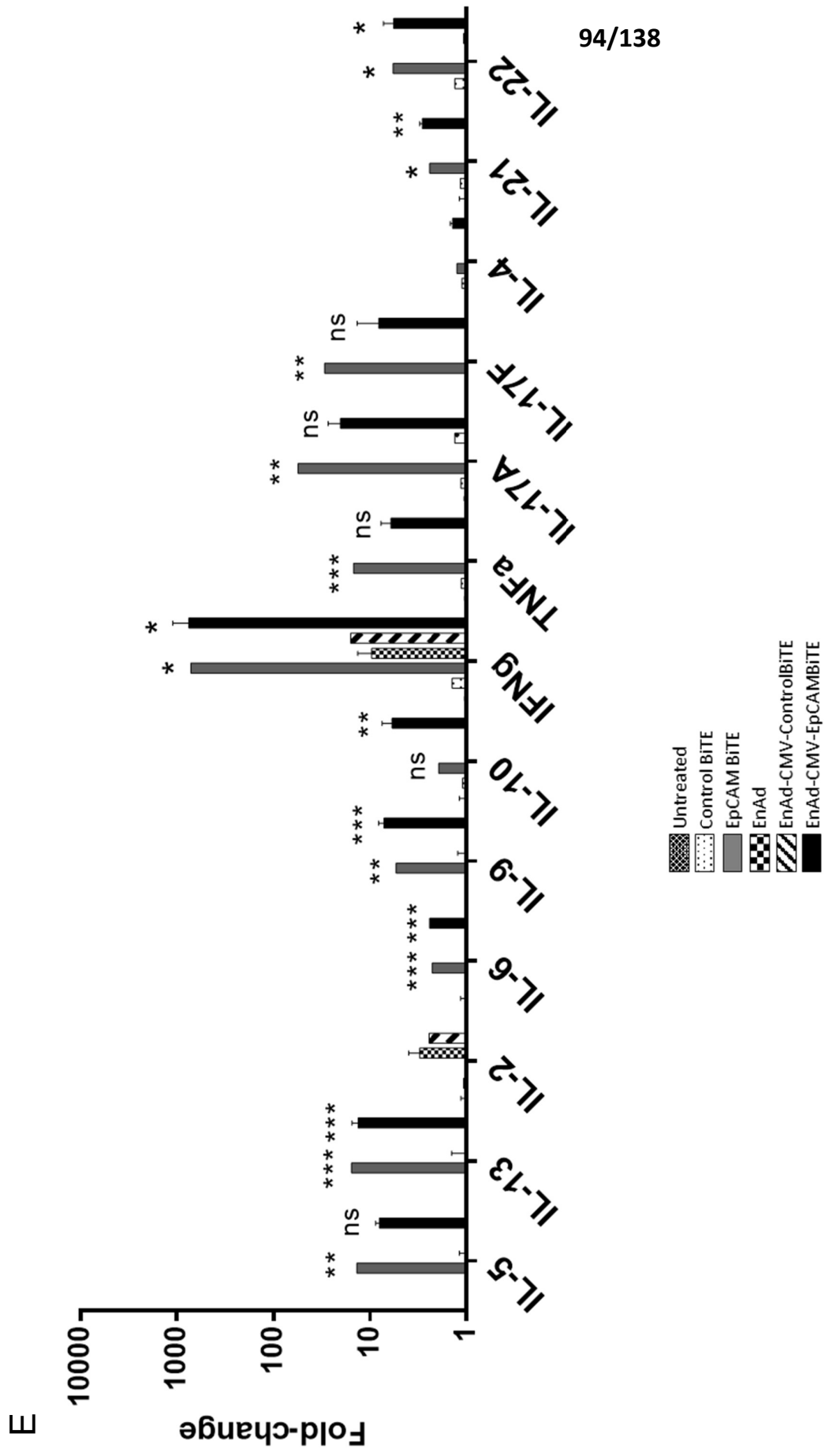


Figure 57 cont.

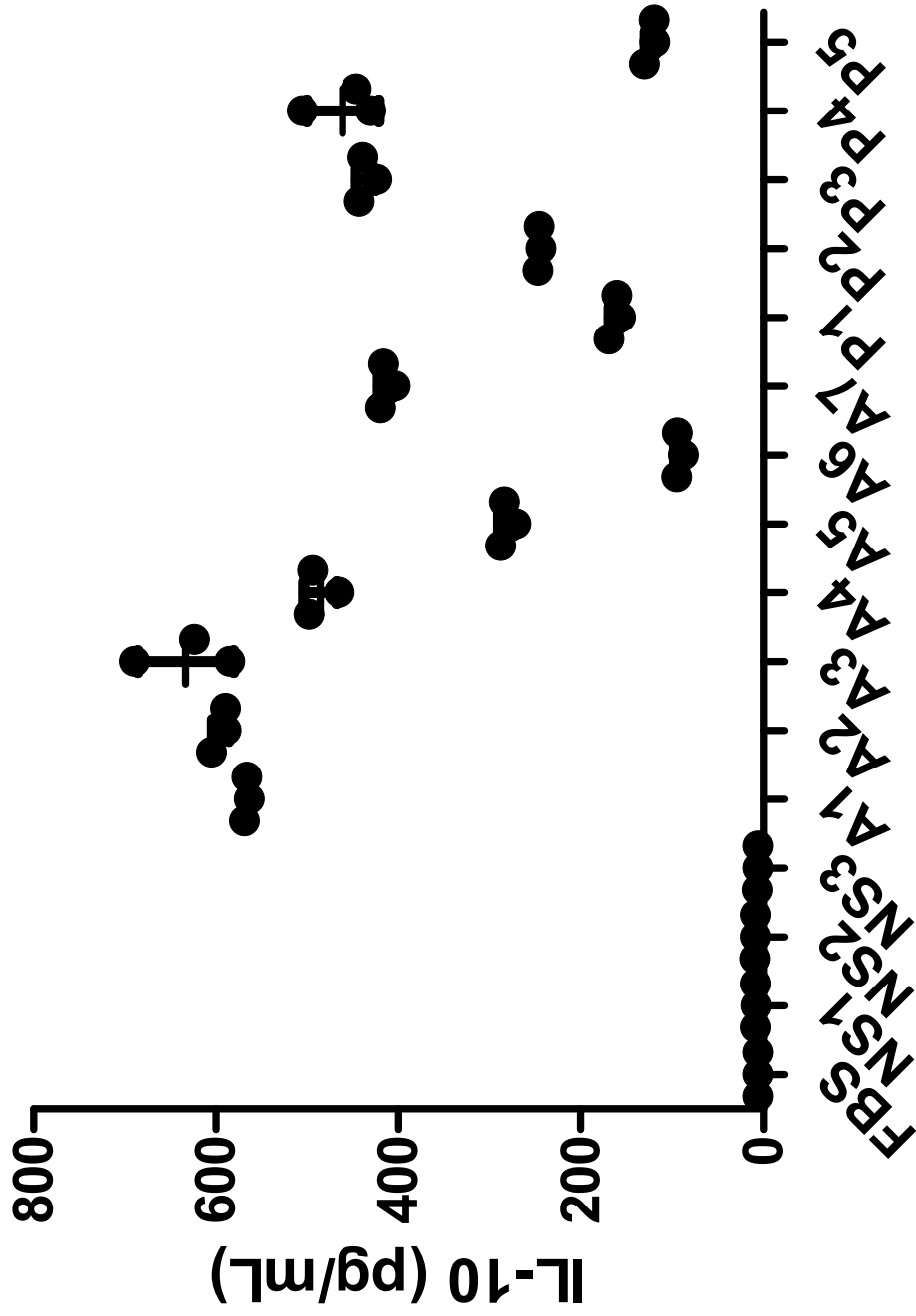


FIGURE 58

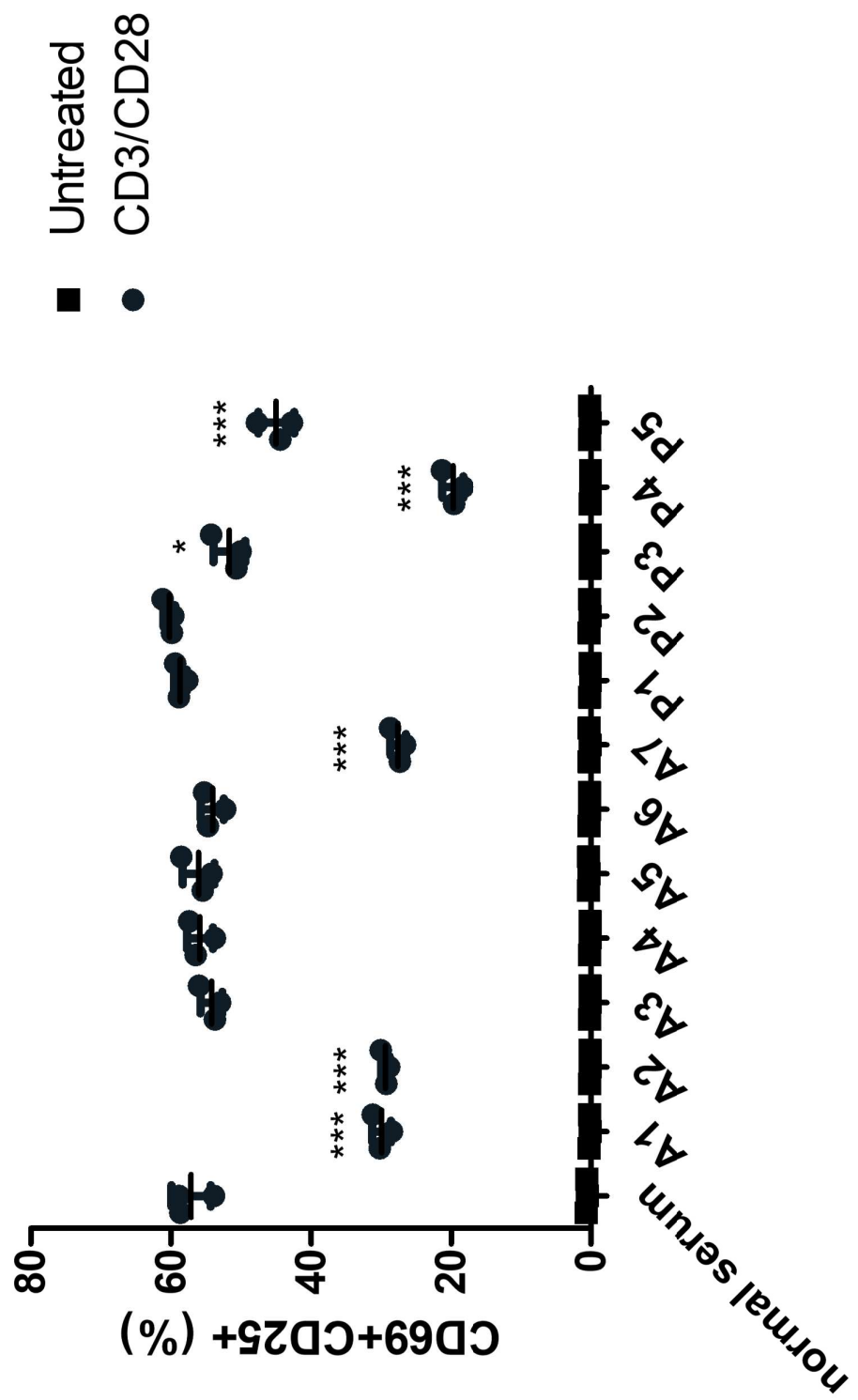


FIGURE 59

FIGURE 60

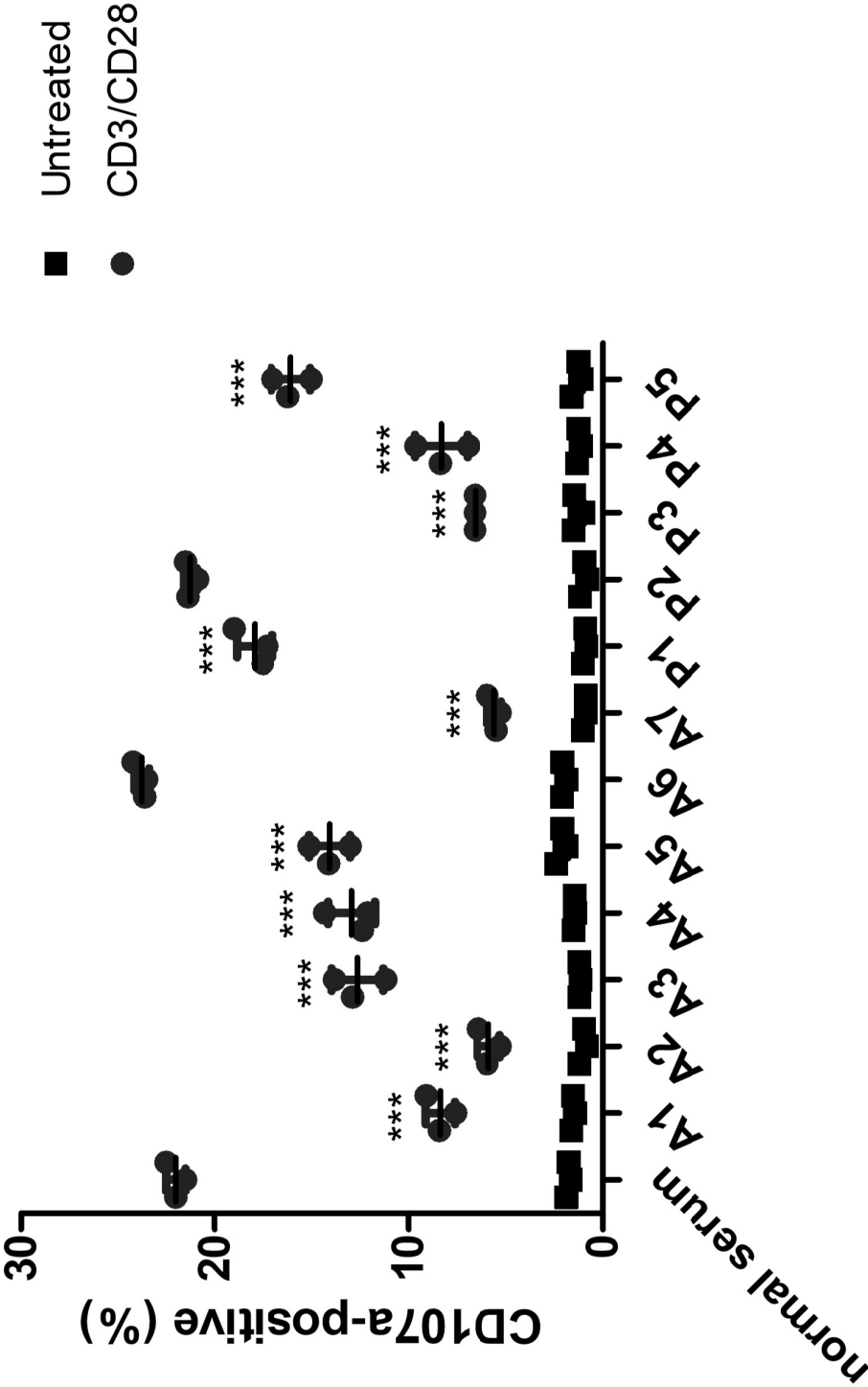


FIGURE 61

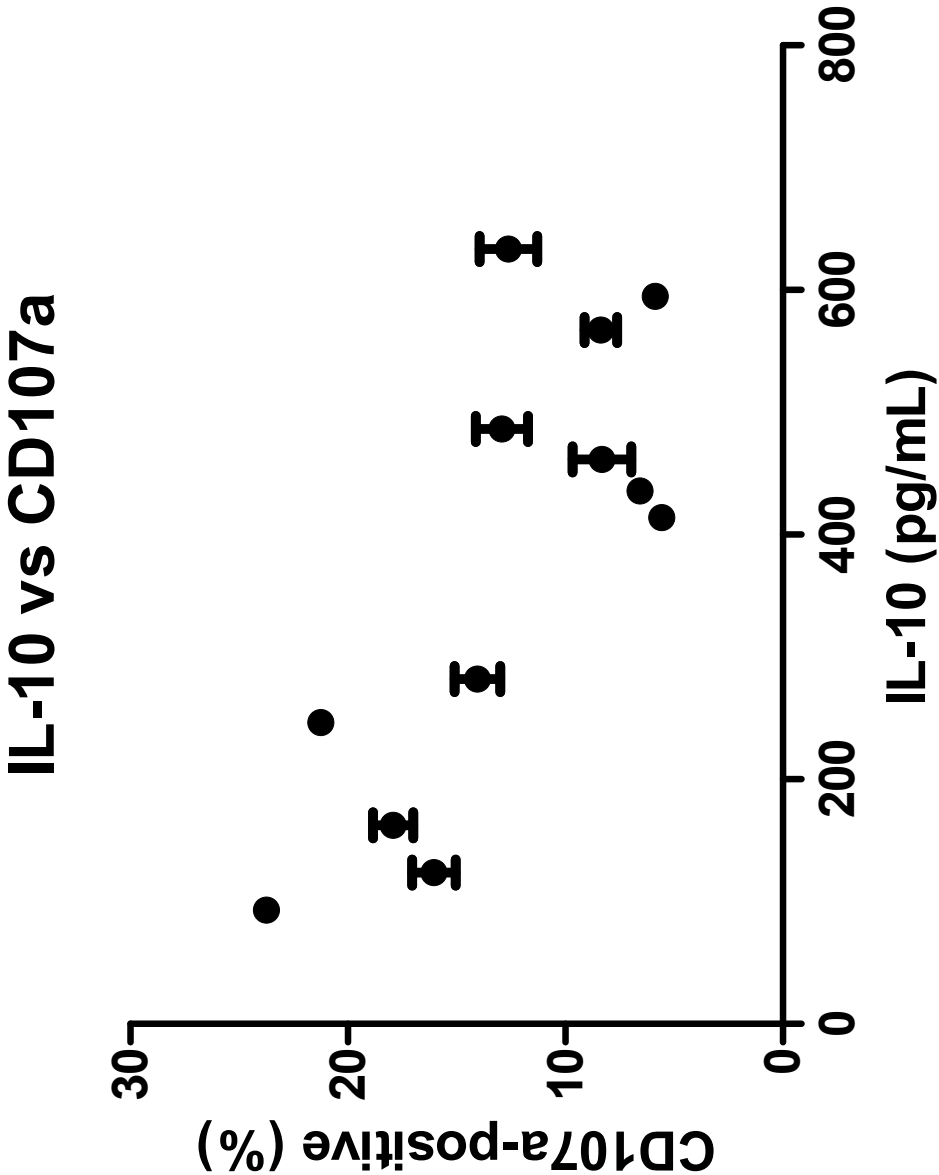


FIGURE 62



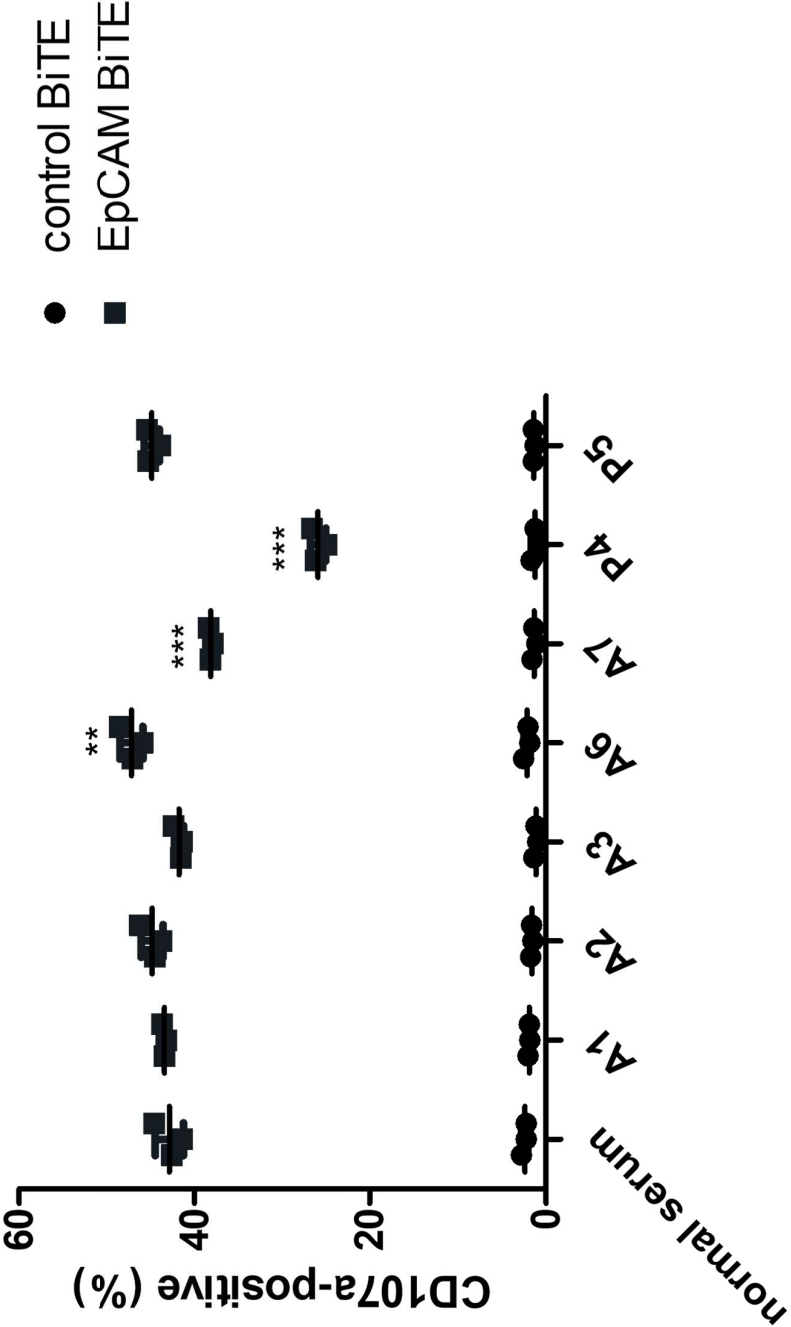
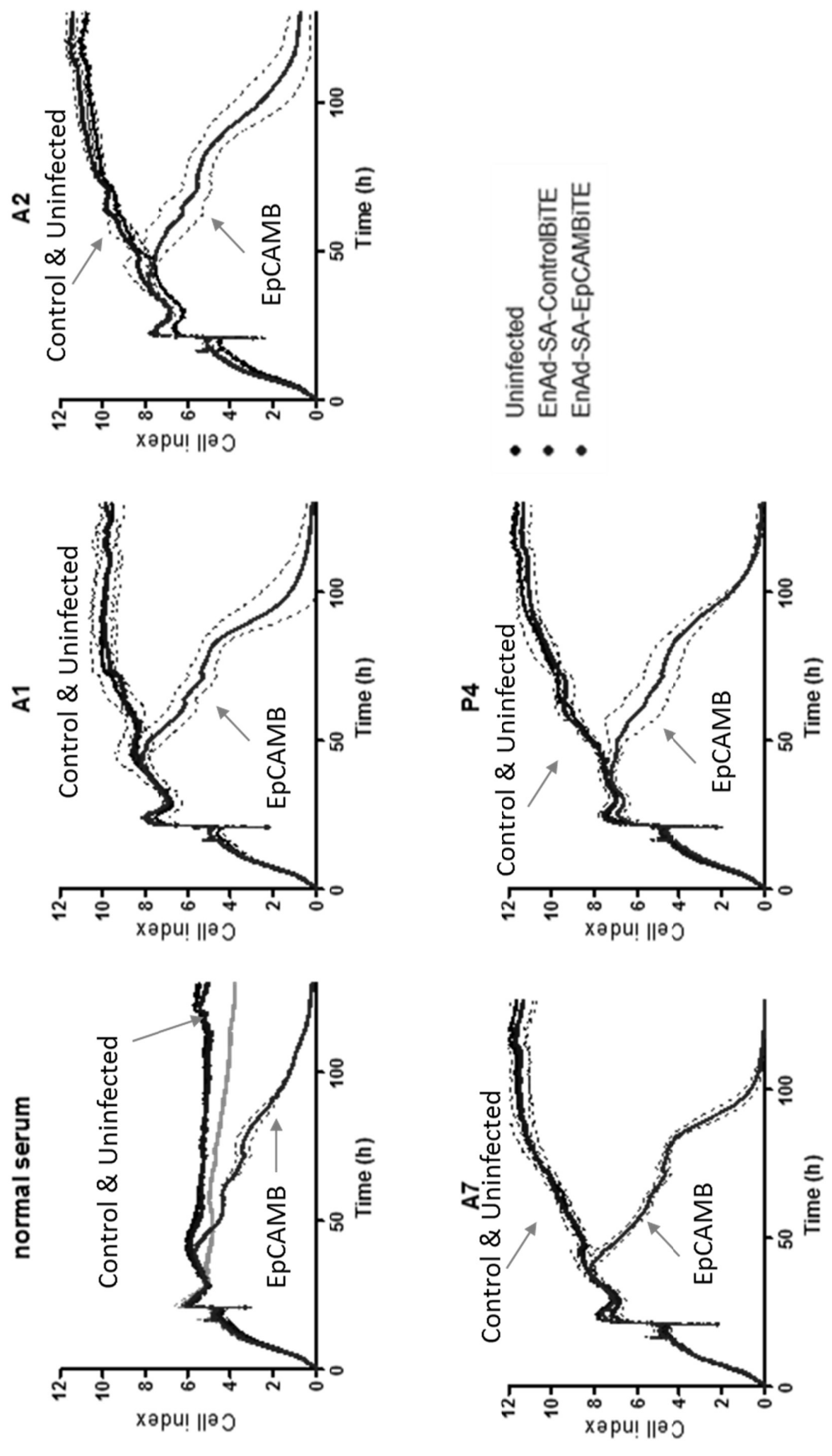


FIGURE 63

FIGURE 64



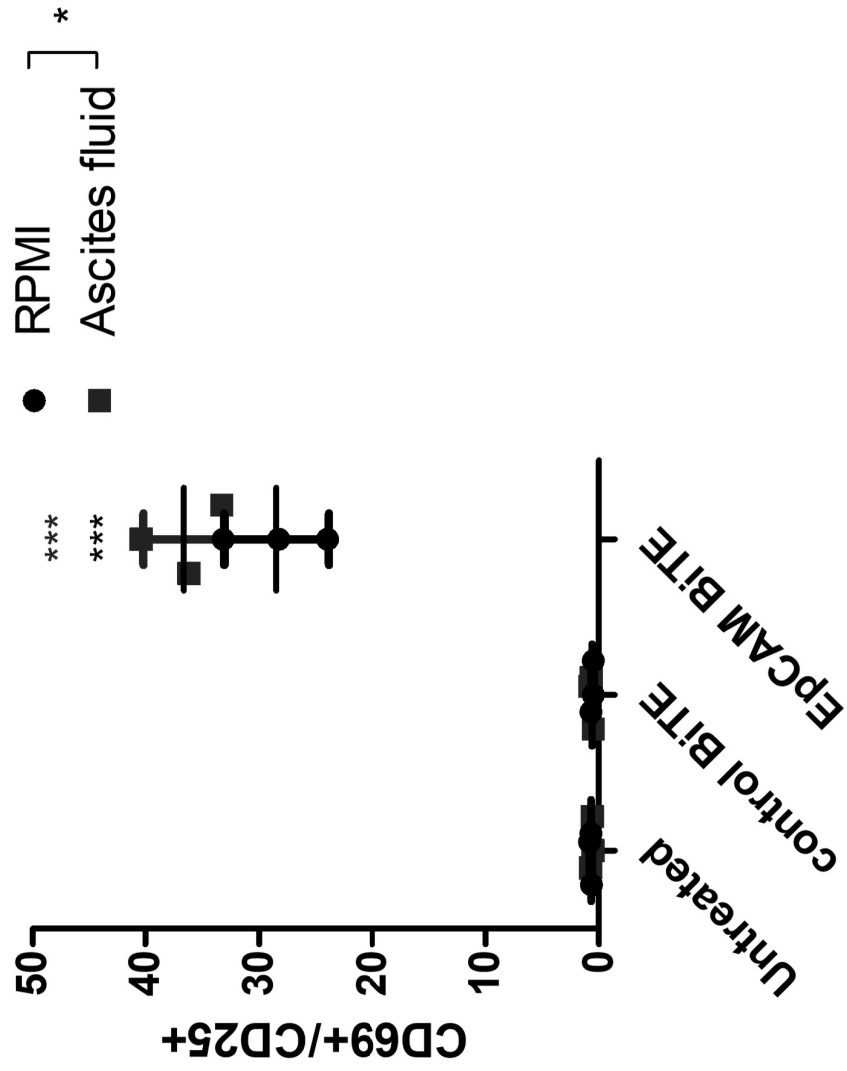


FIGURE 65

FIGURE 66A

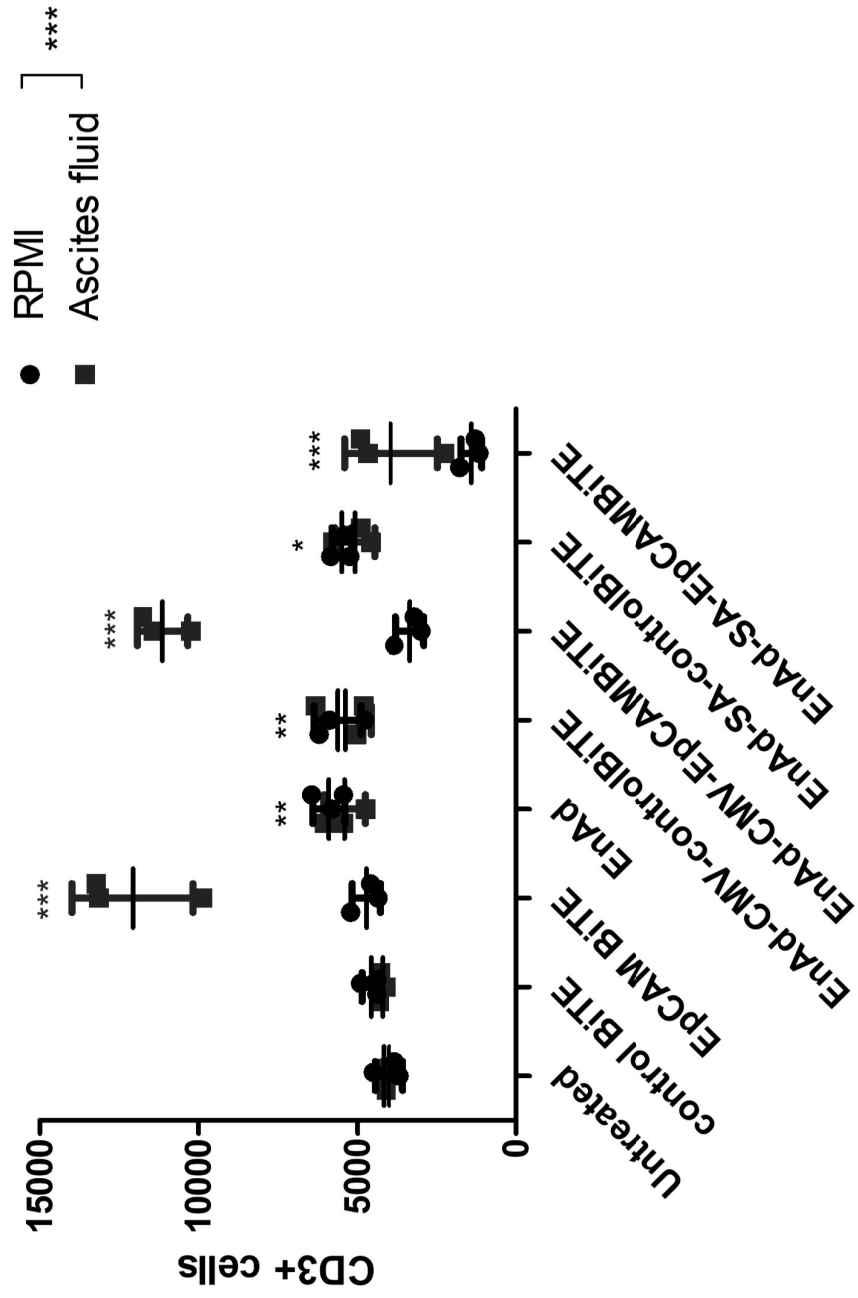


FIGURE 66B

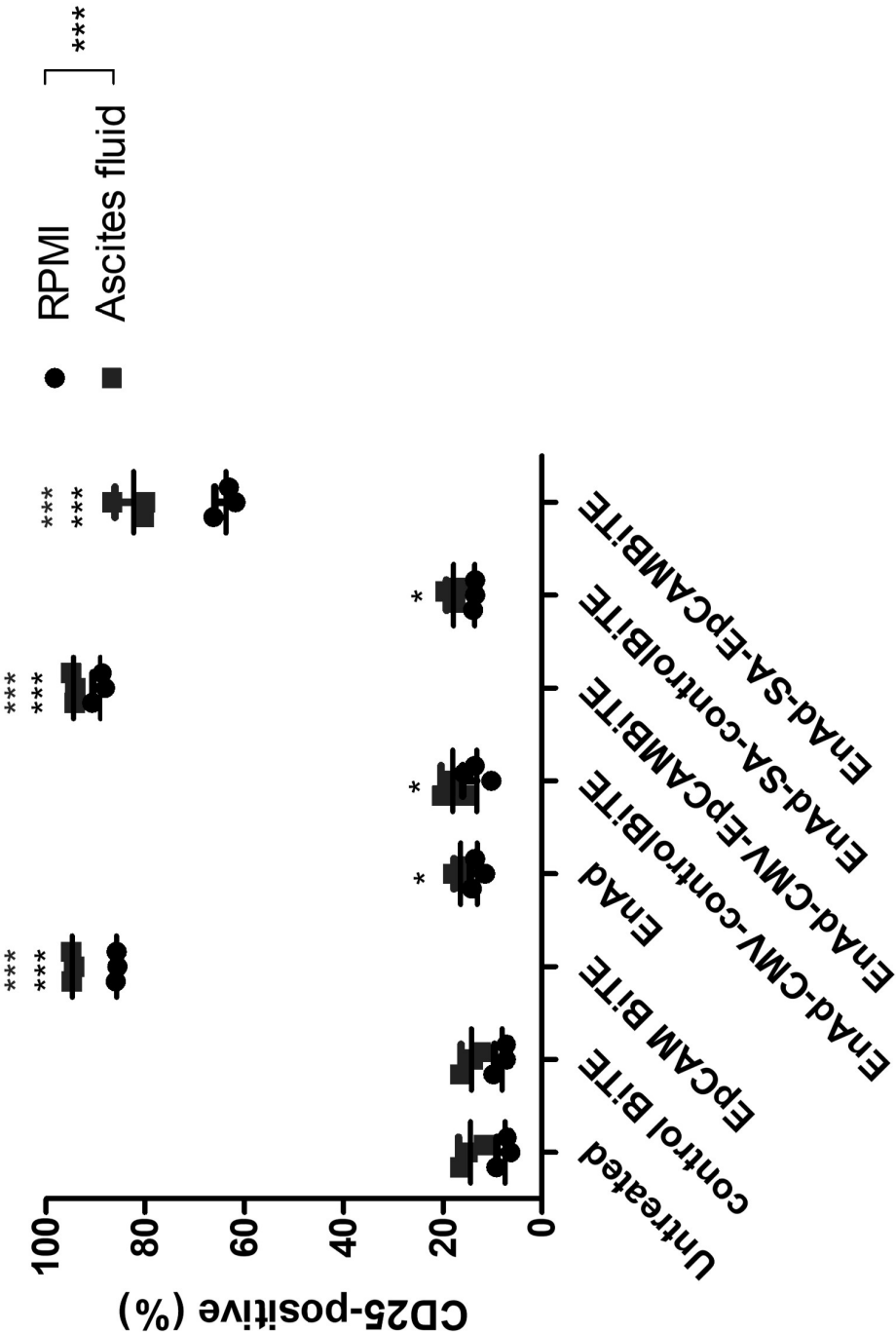


FIGURE 66C

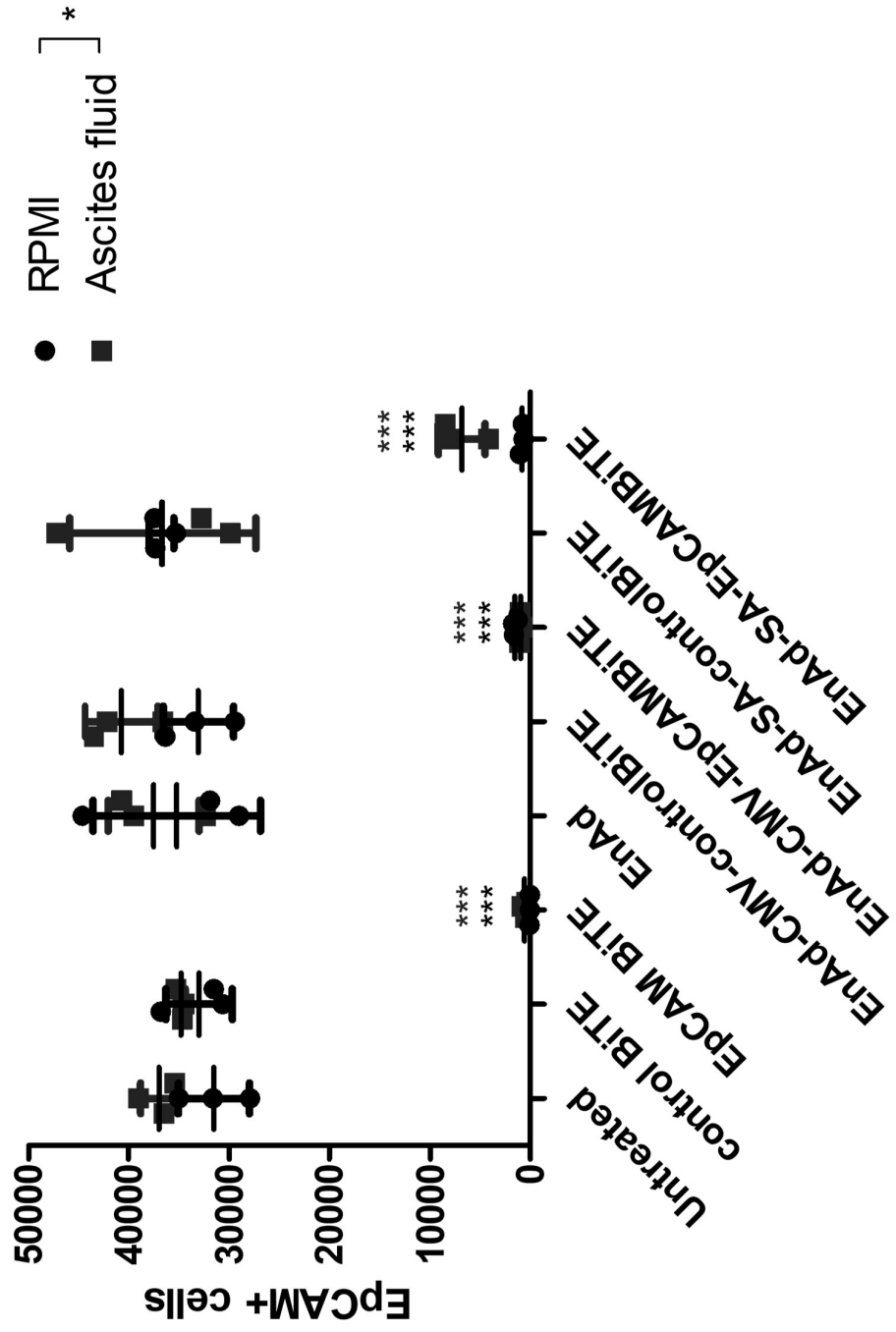
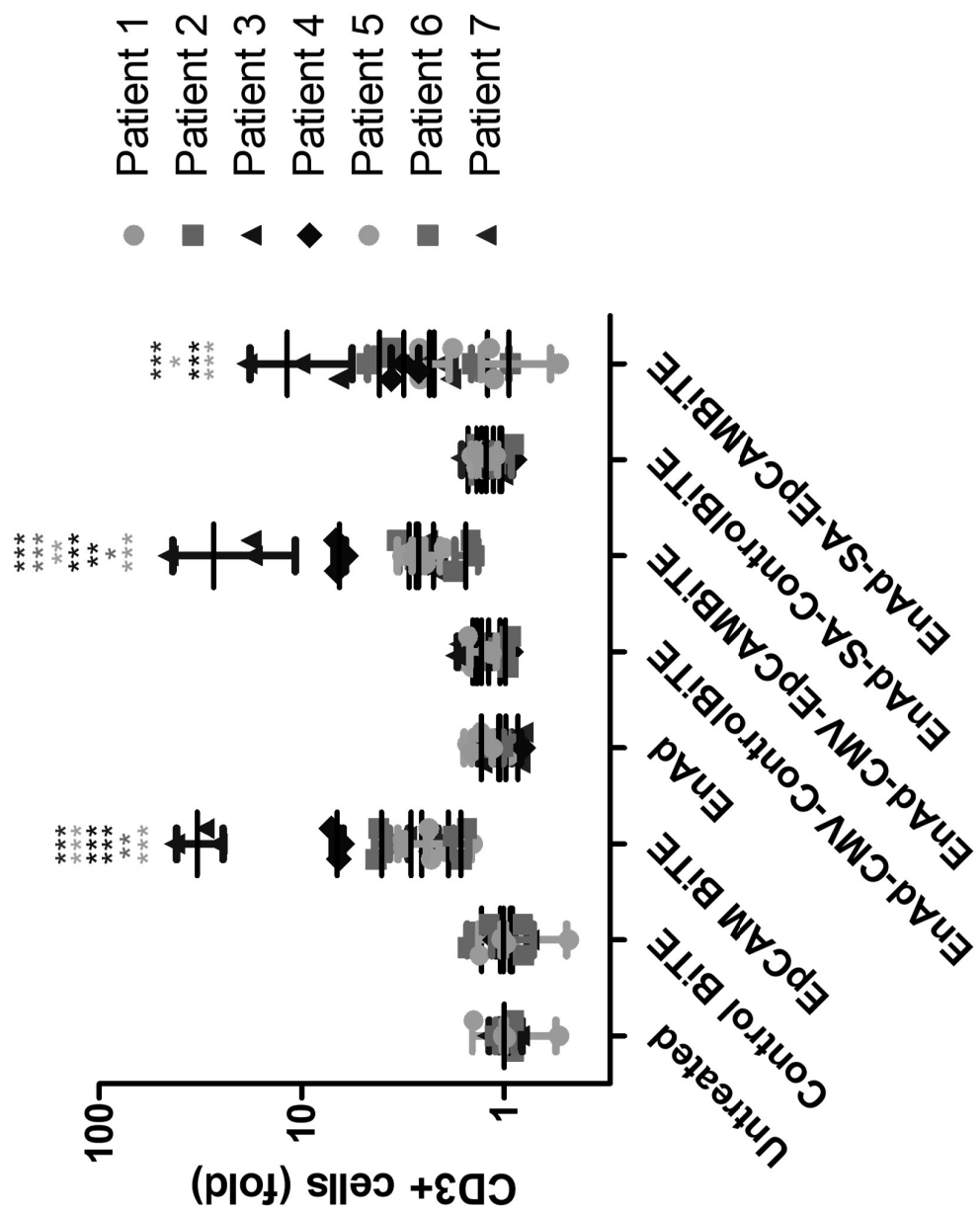


FIGURE 67A



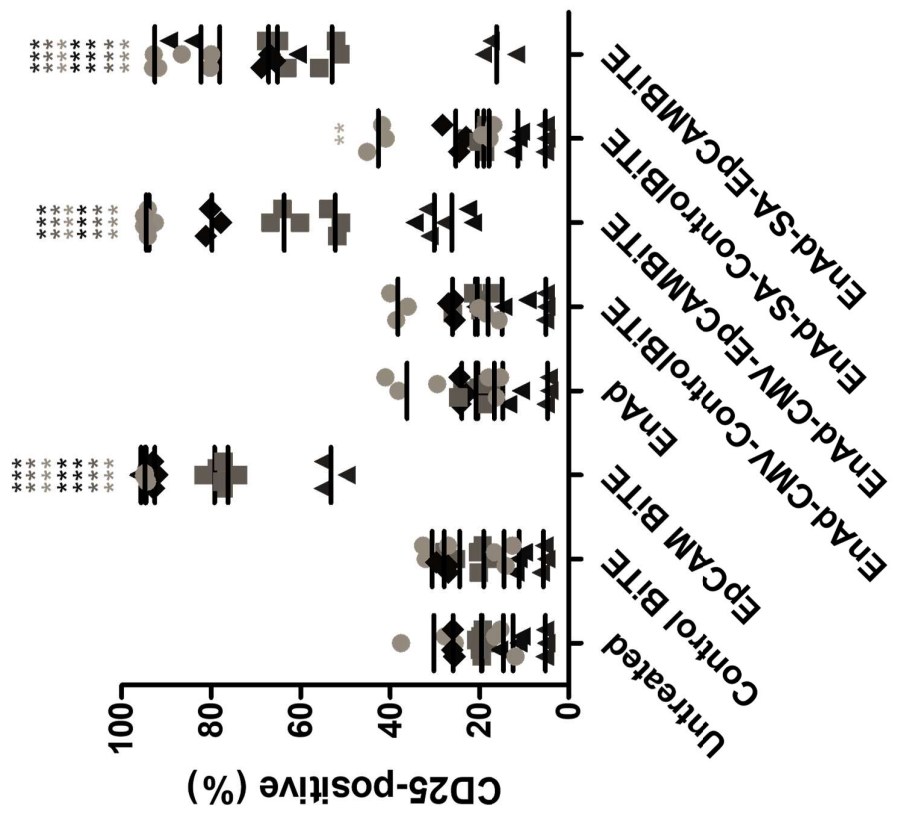


FIGURE 67B

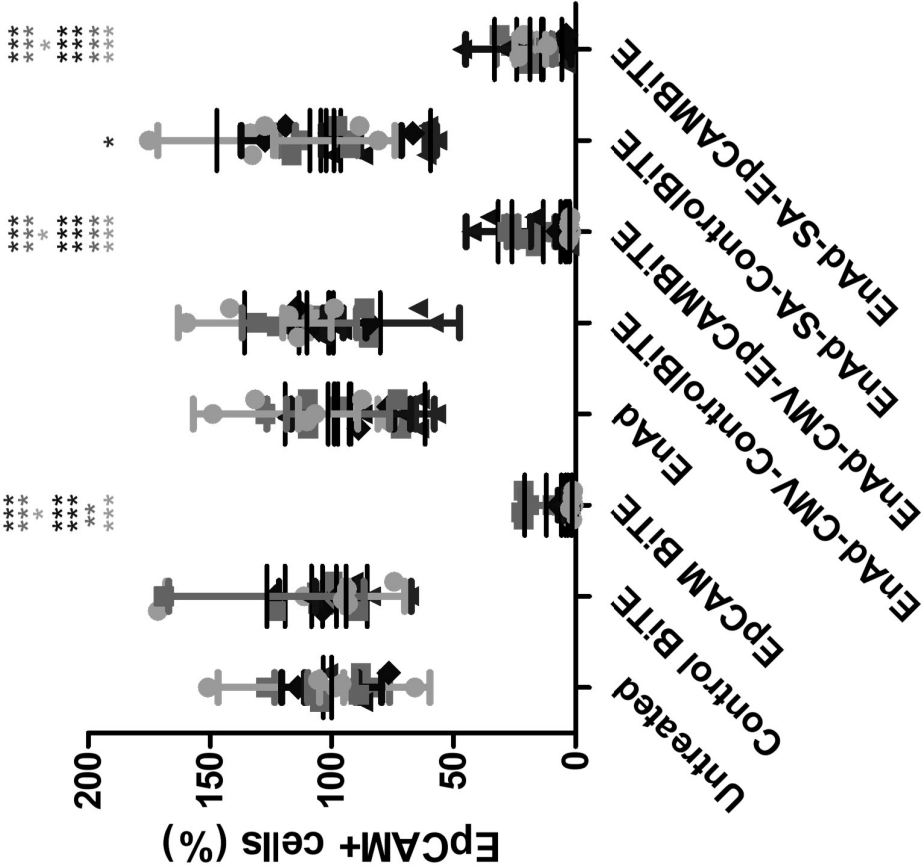
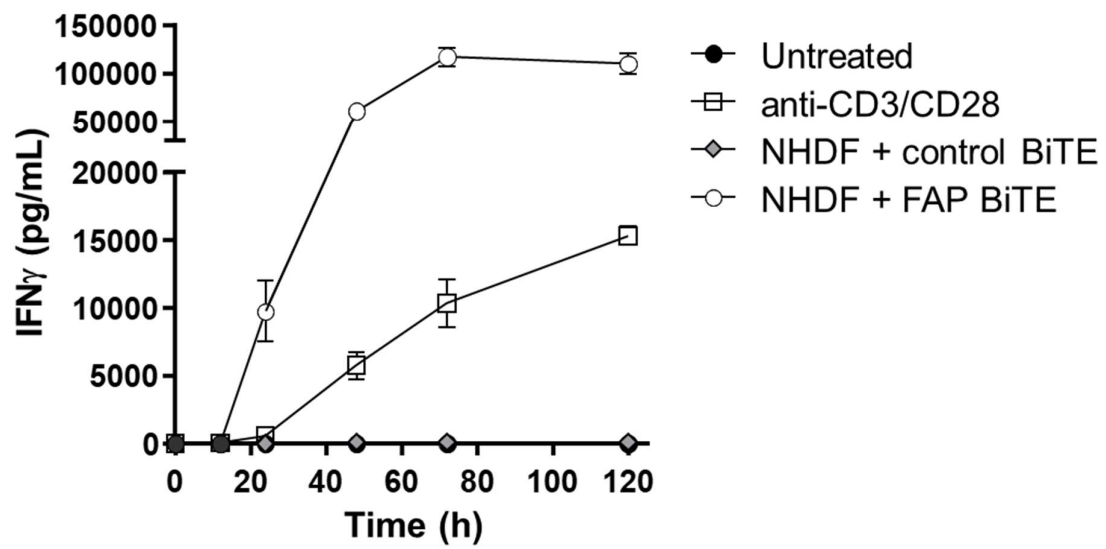


FIGURE 67C

Figure 68

A



B

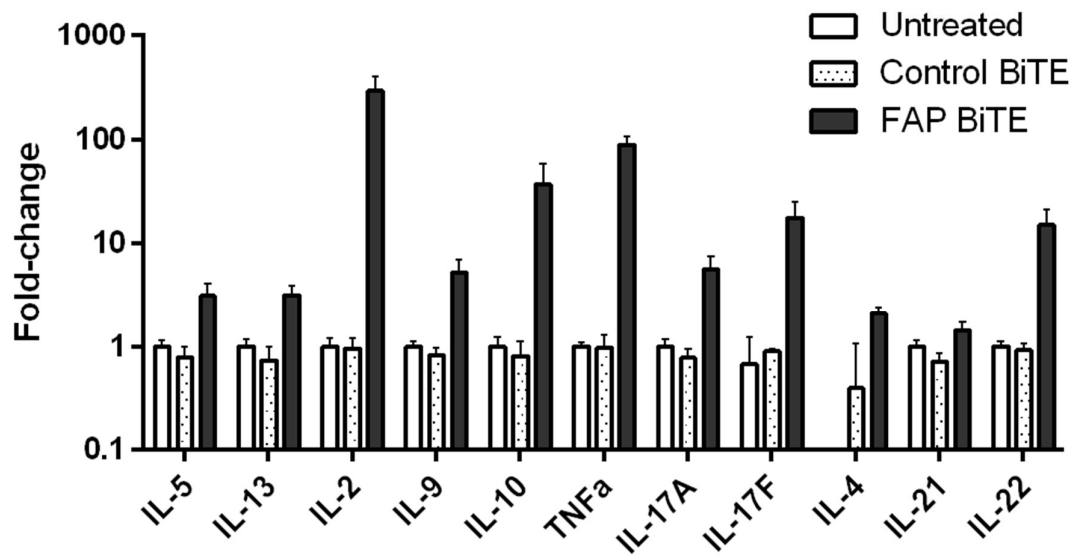


Figure 69

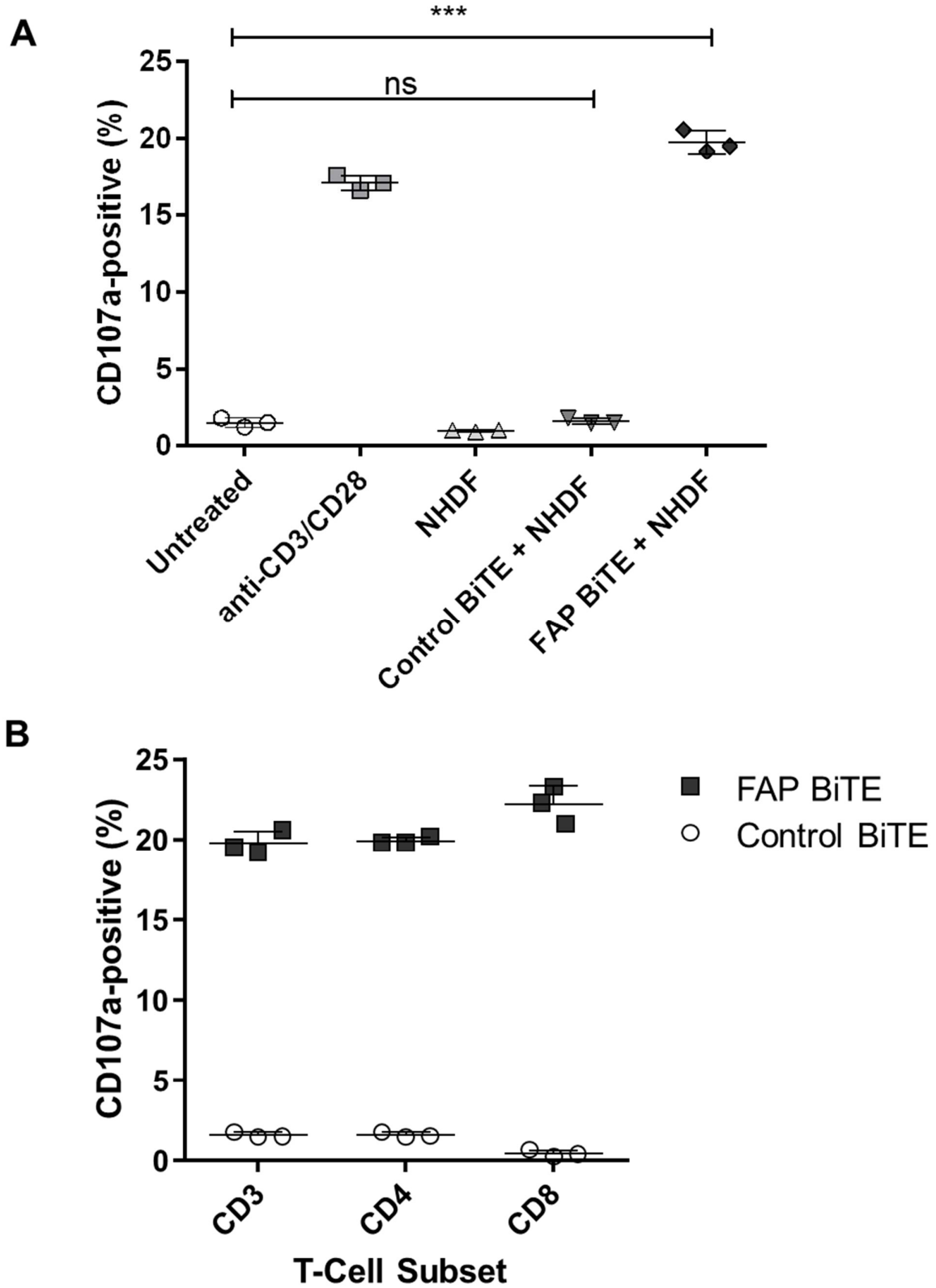


Figure 69

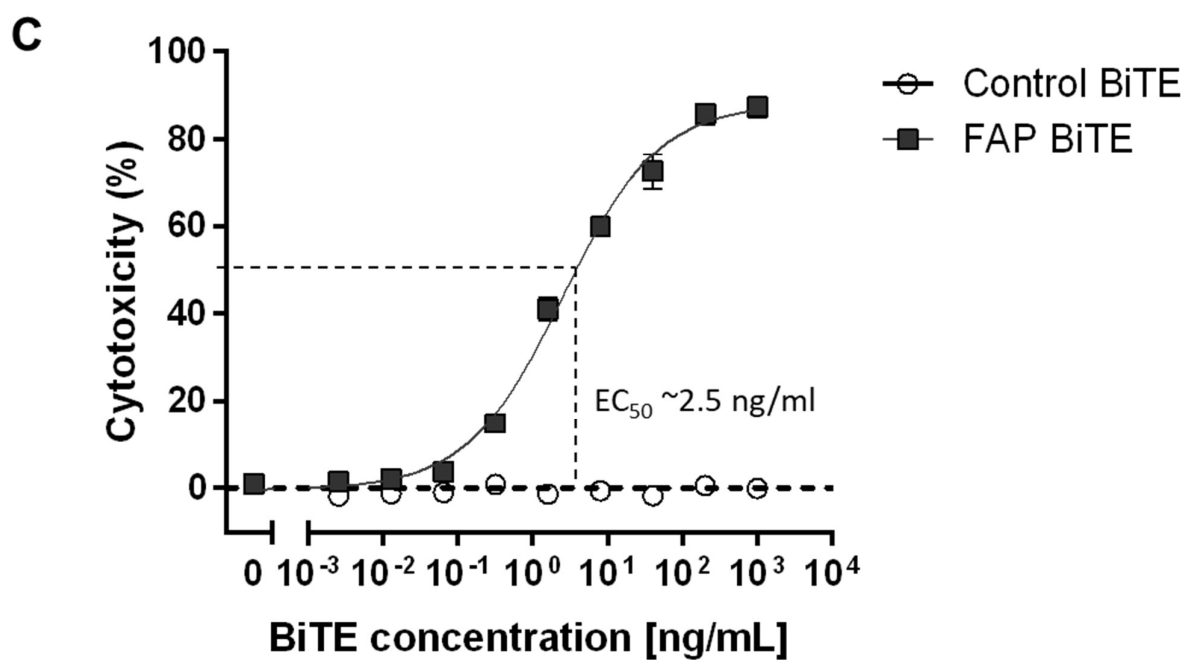
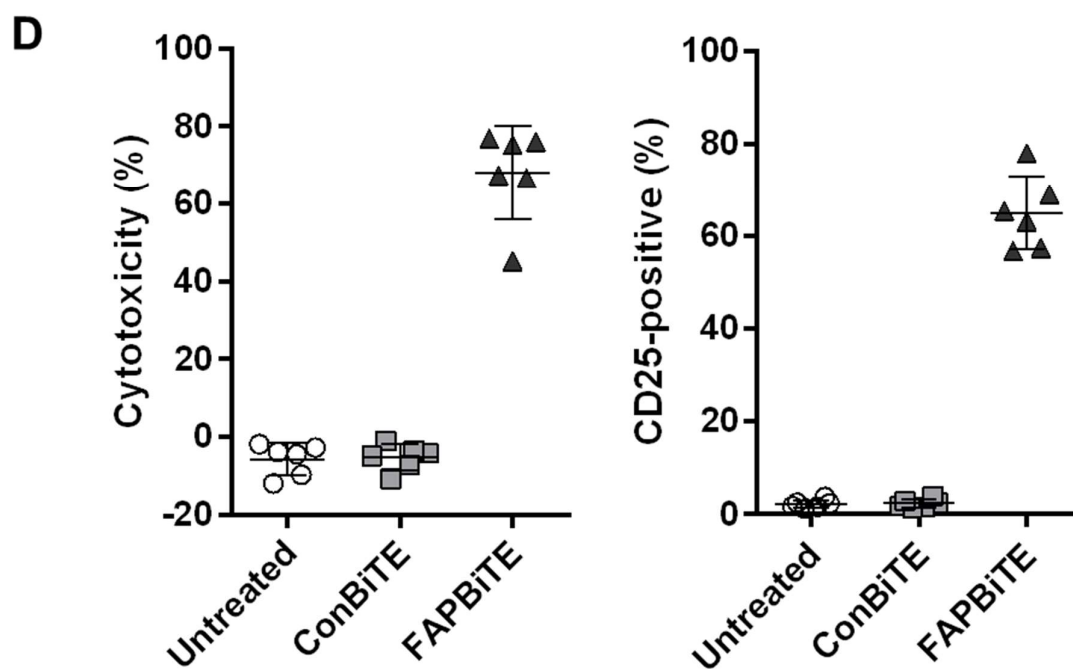
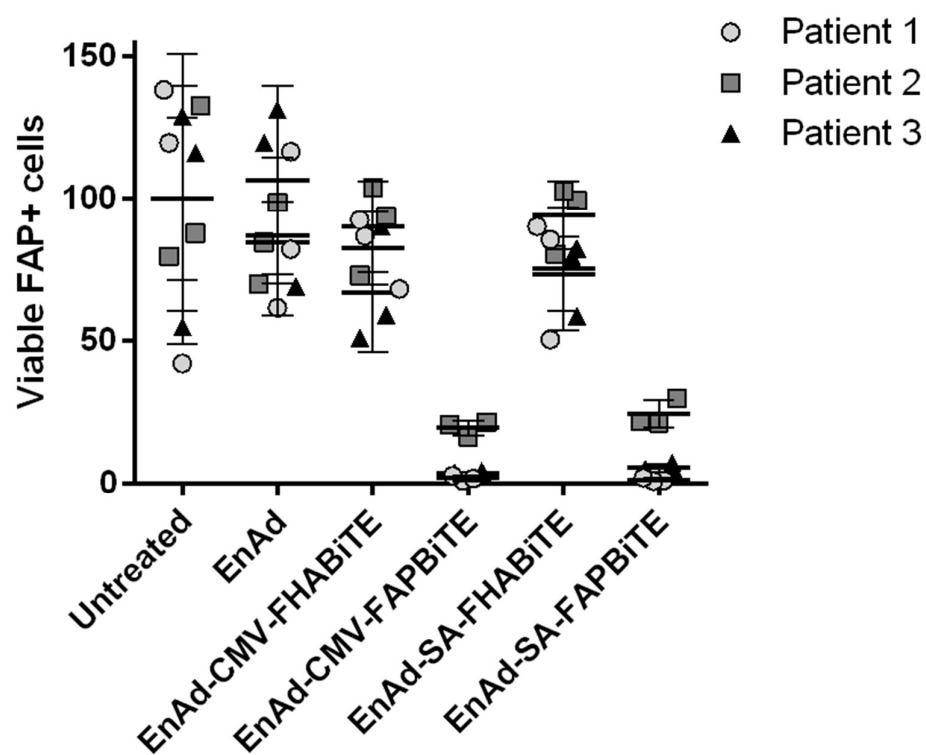


Figure 70

A



B

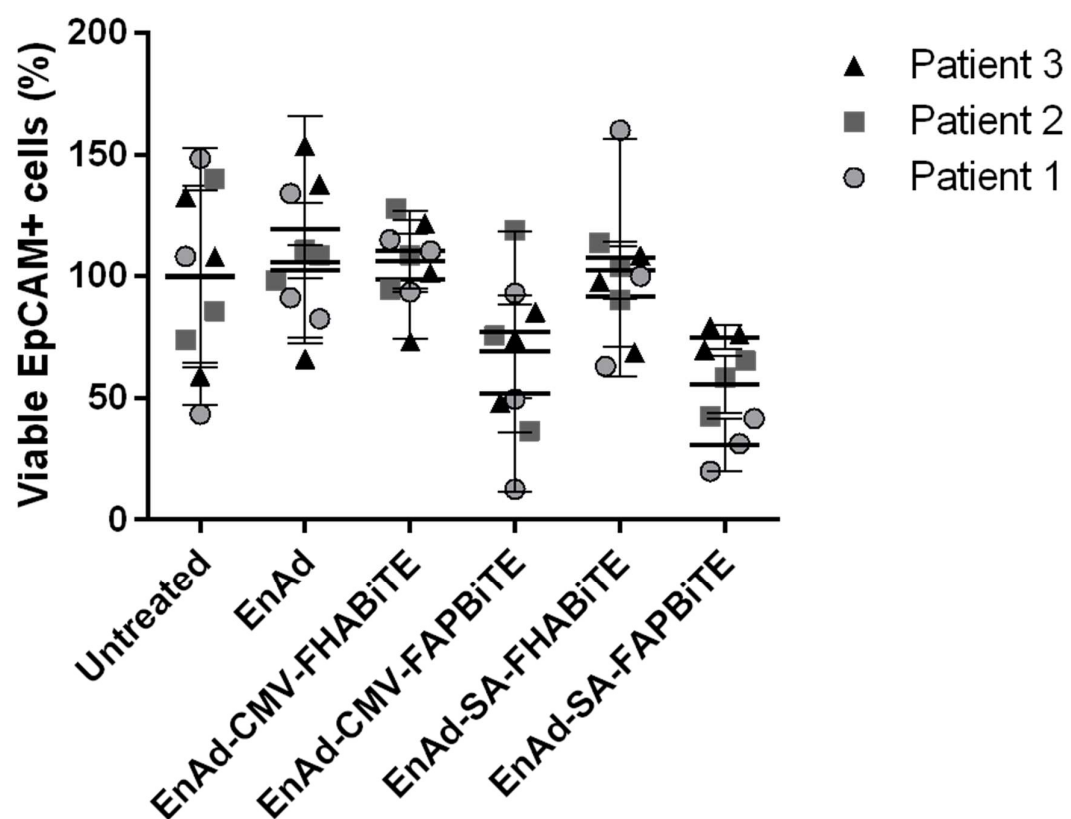


Figure 70

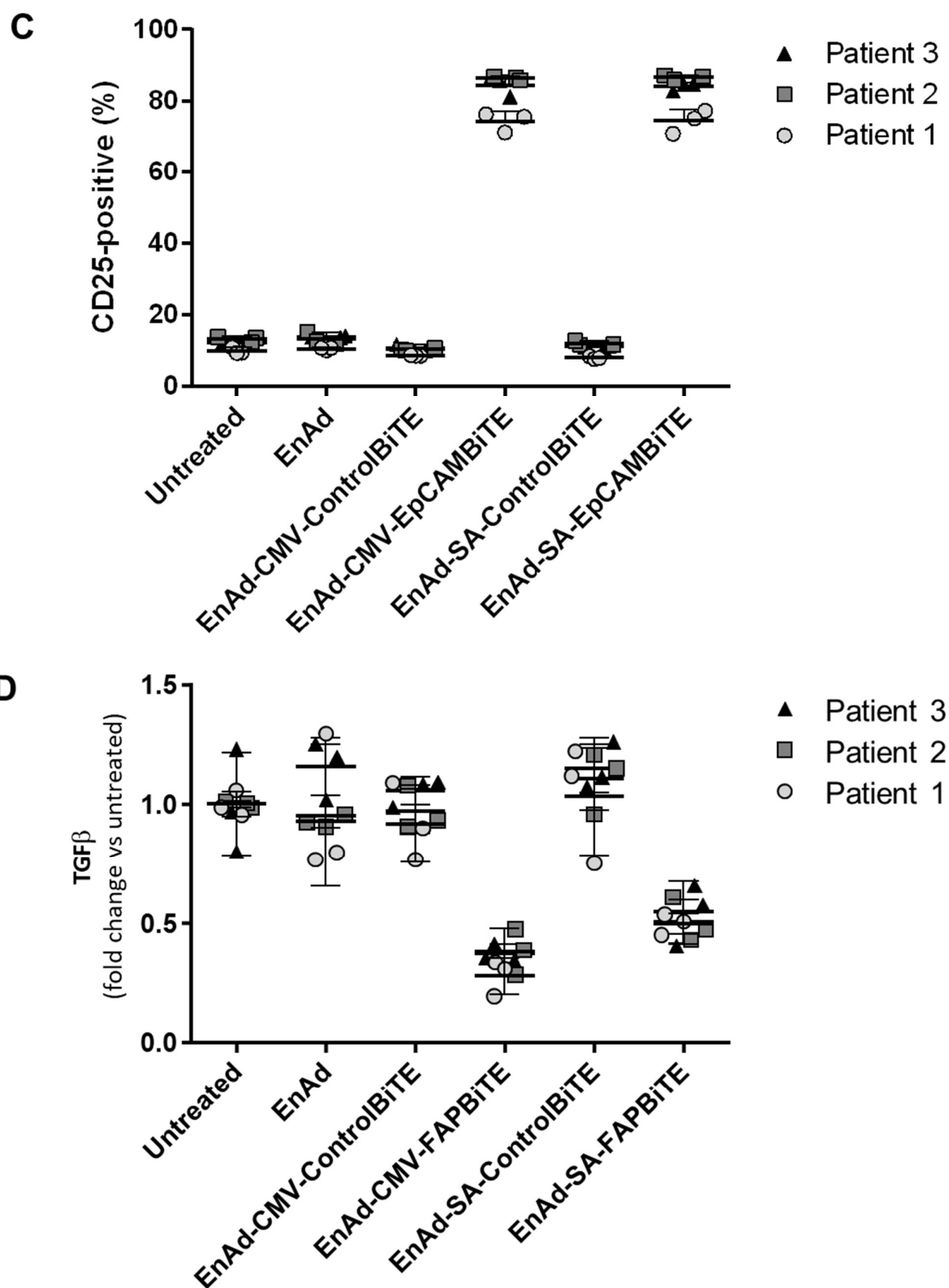


Figure 71

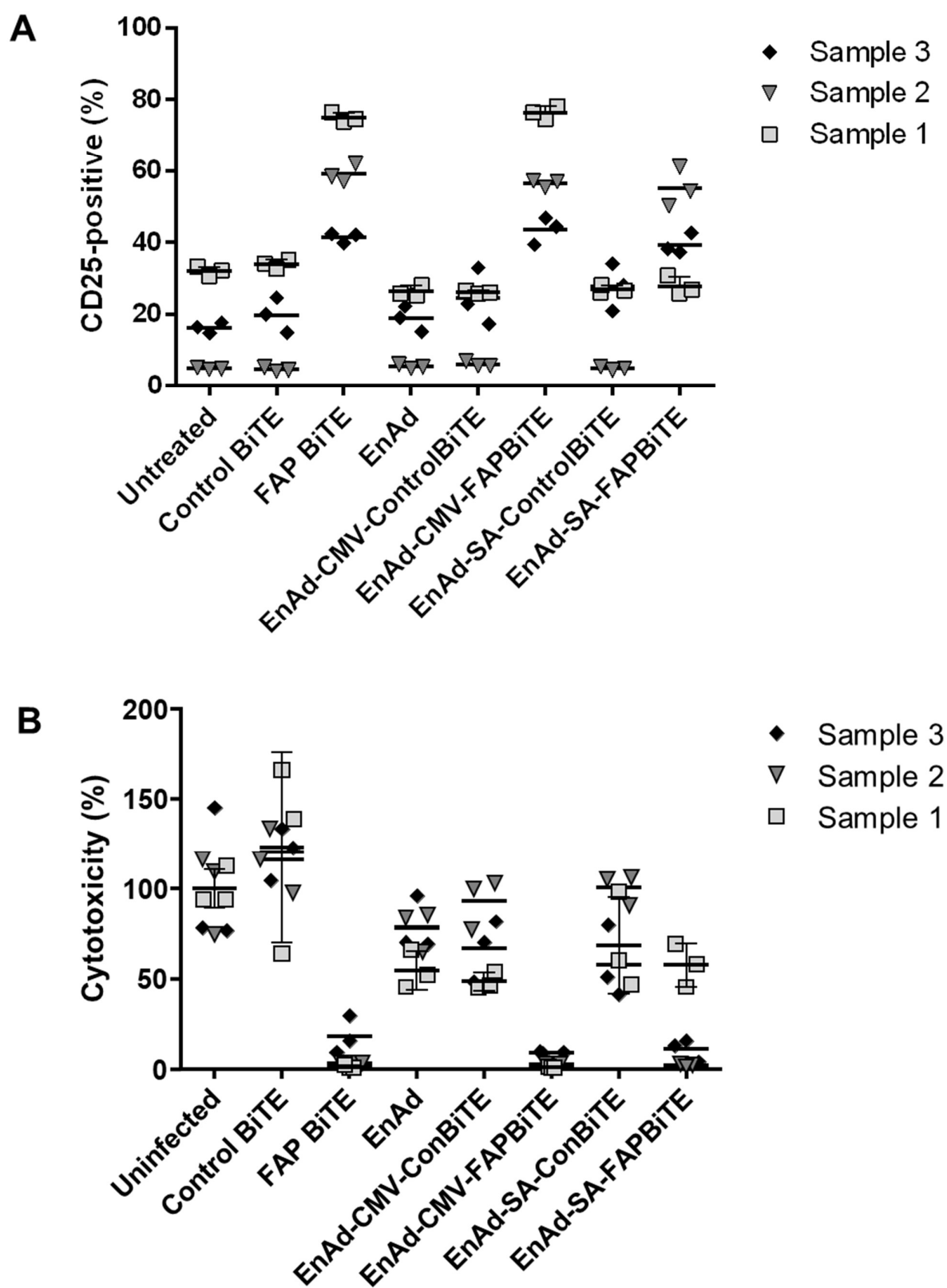


Figure 72

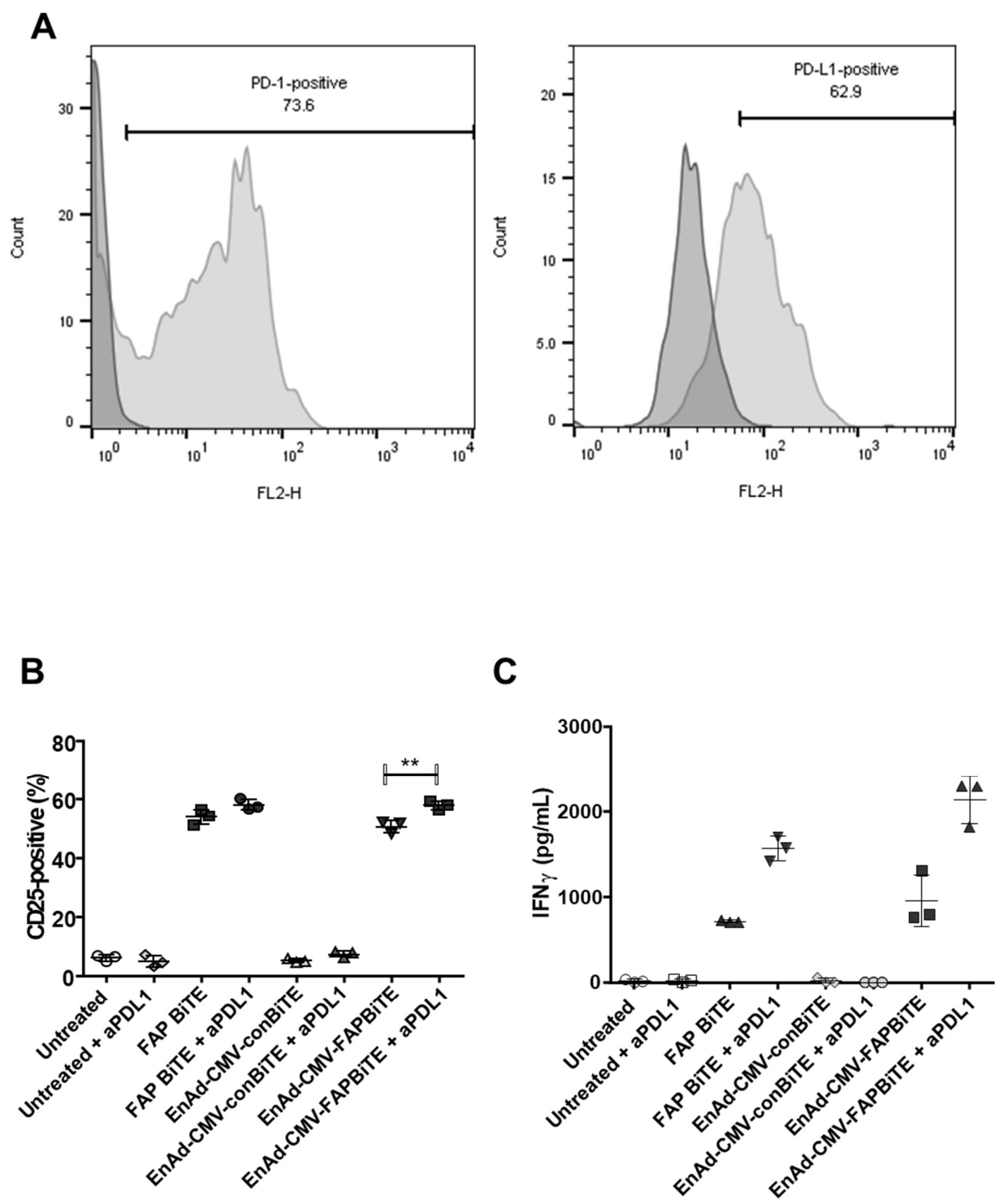


Figure 72

D

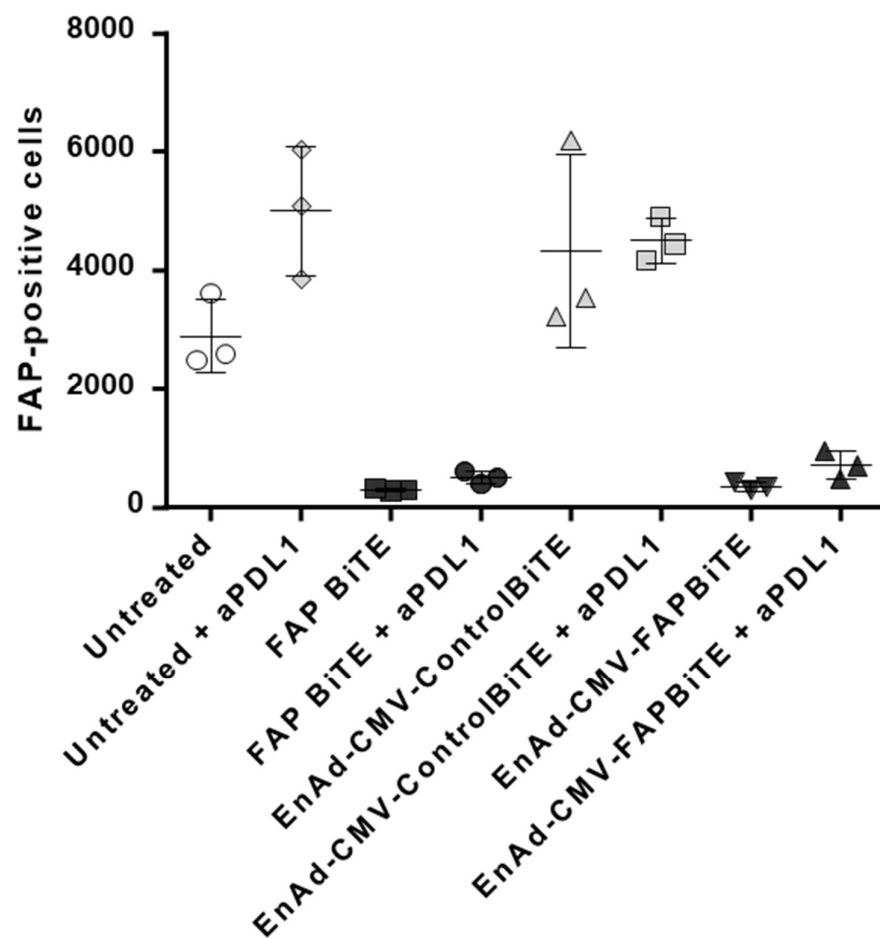


Figure 73

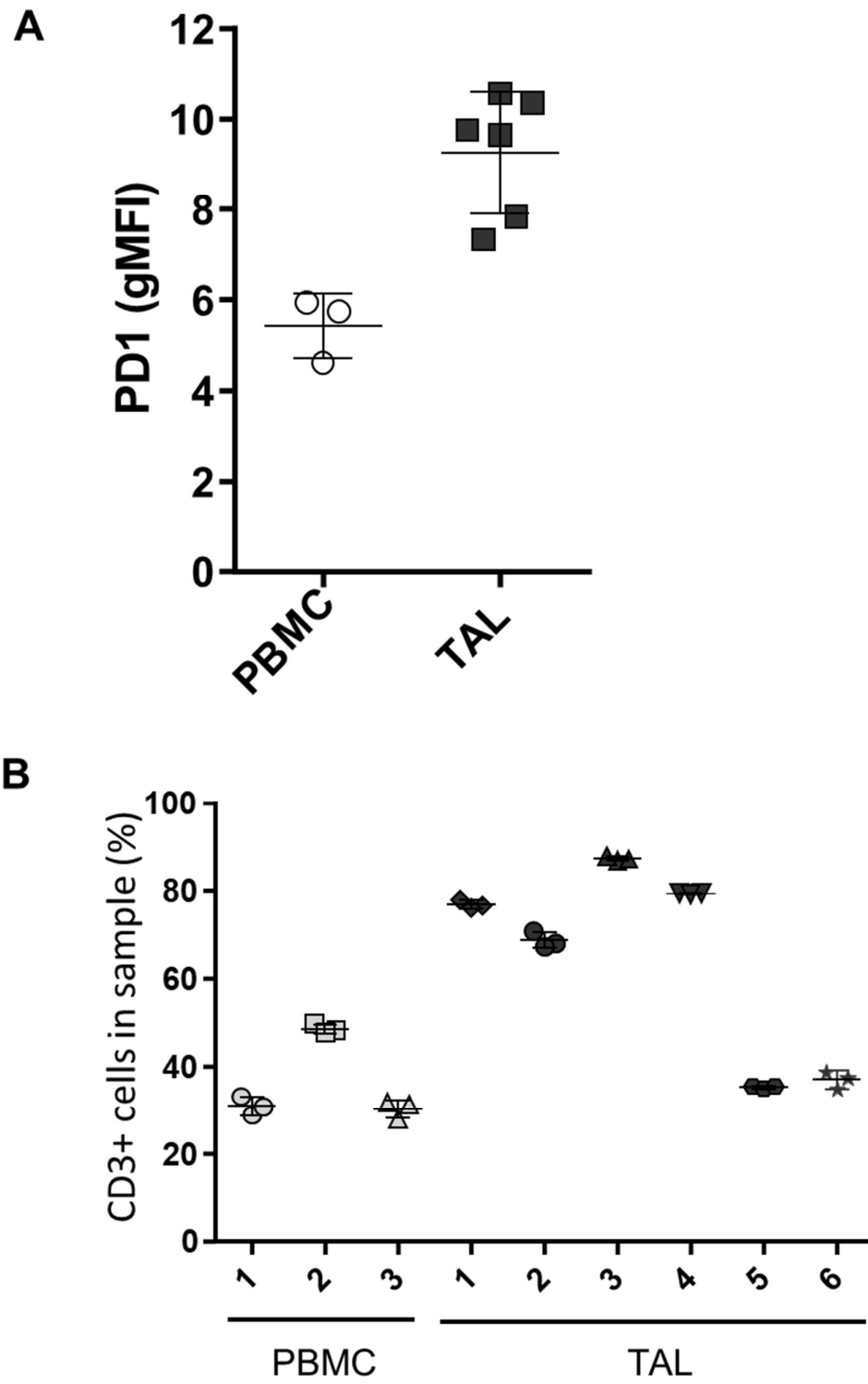


Figure 73

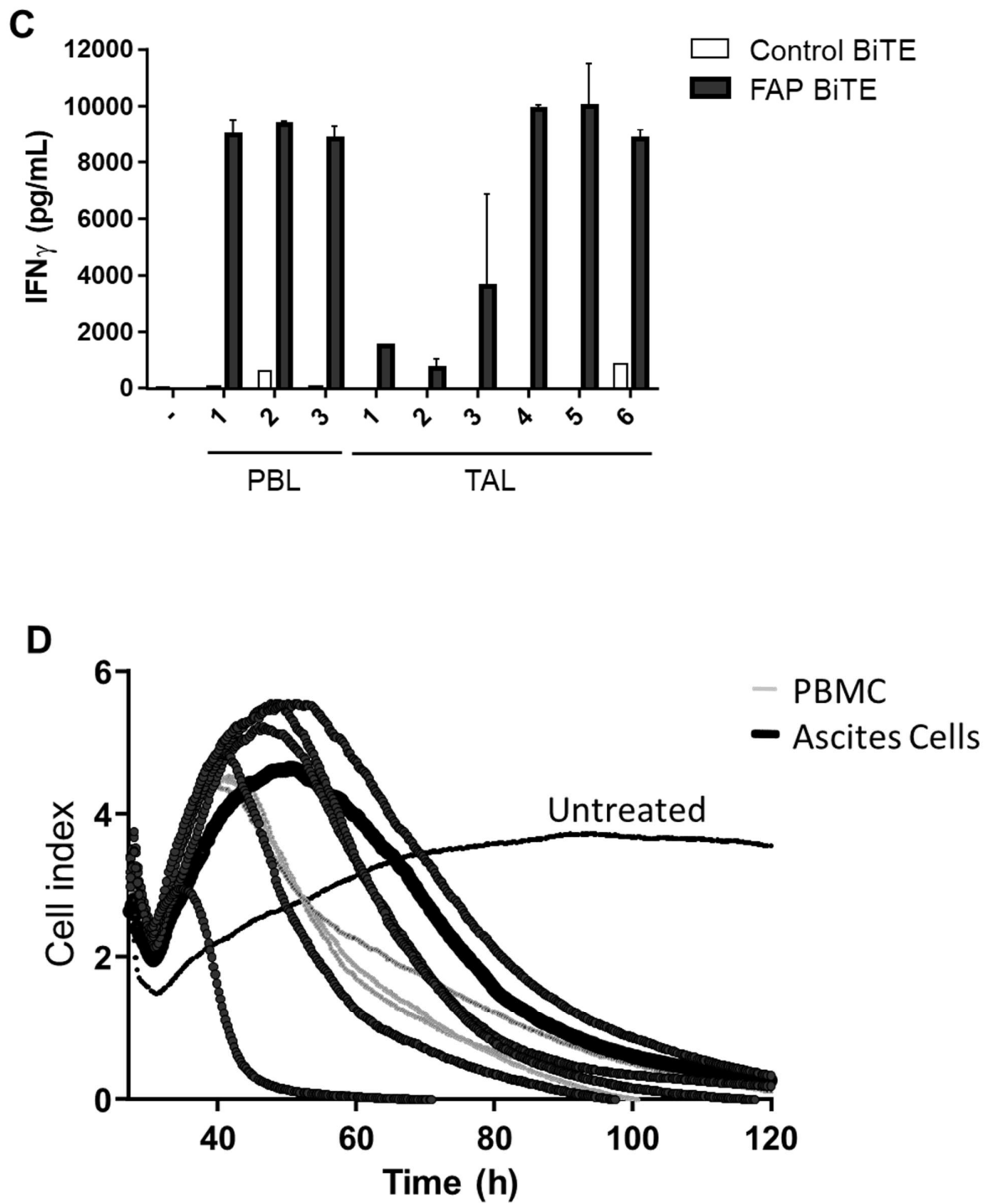


Figure 74

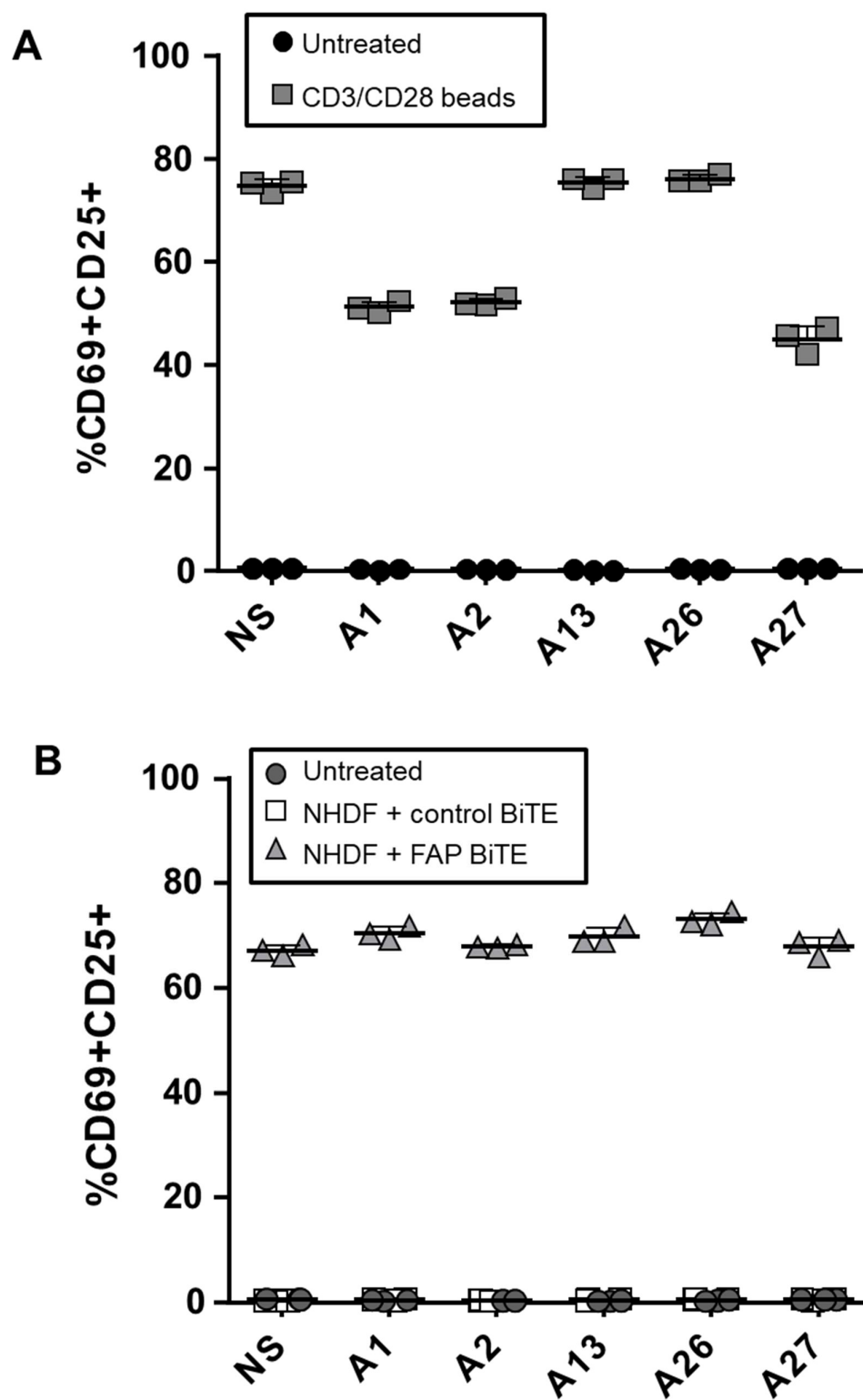


Figure 75

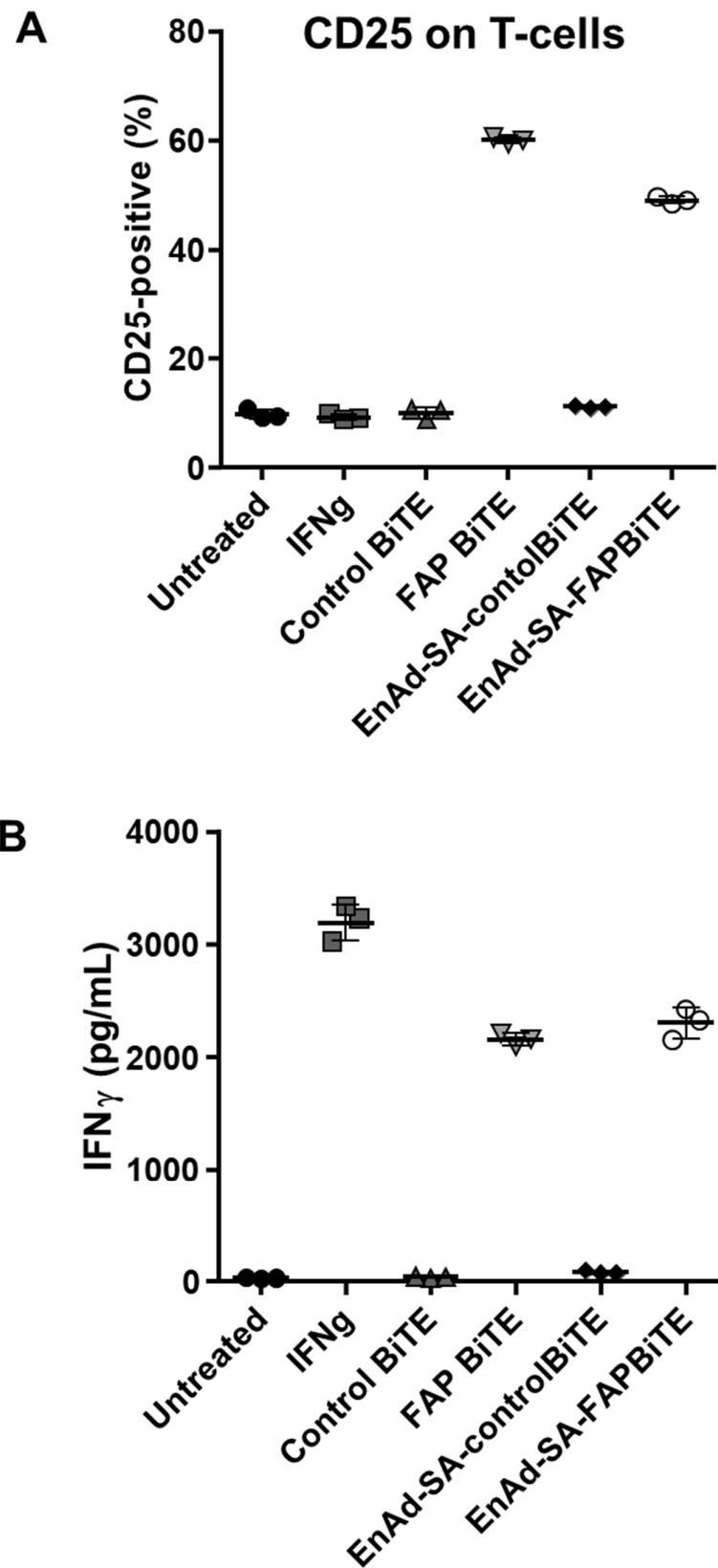


Figure 75

C

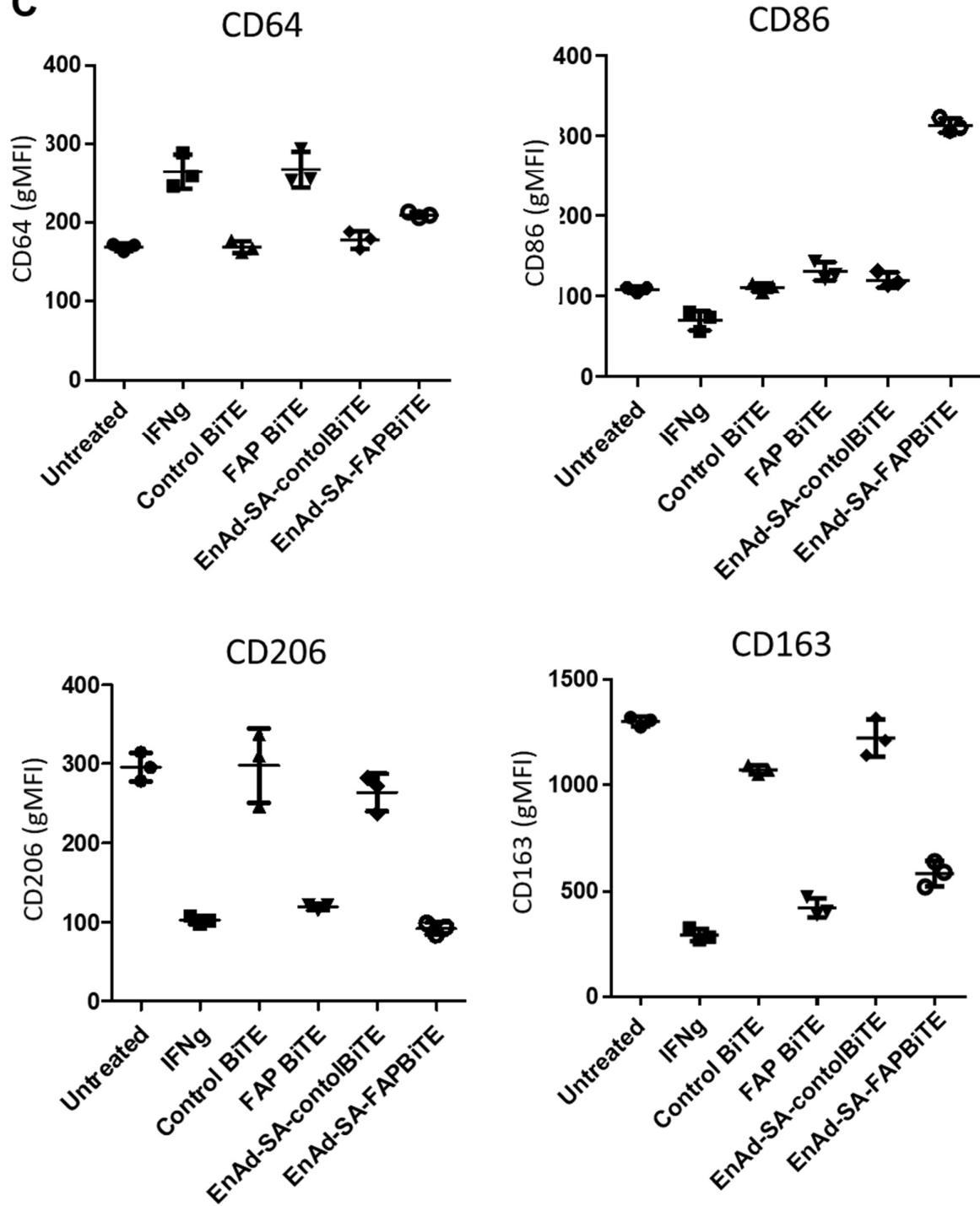
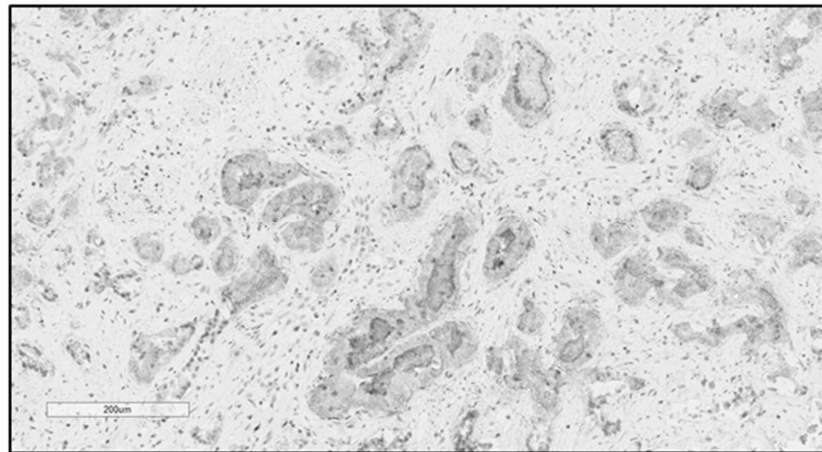
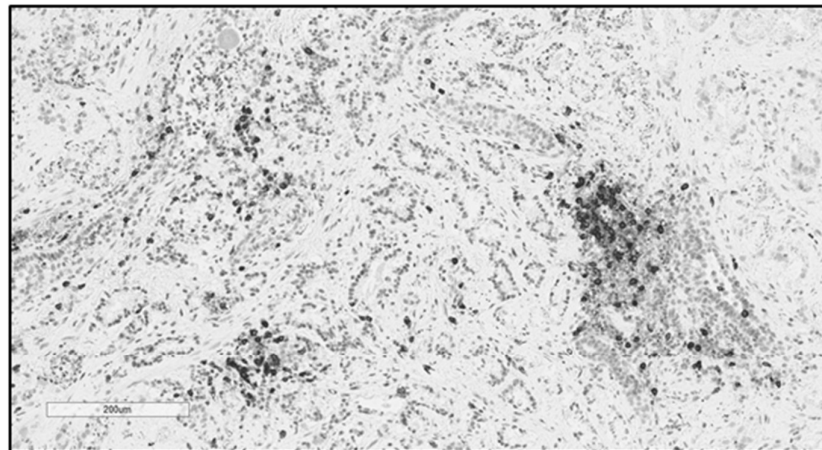


Figure 76

EpCAM Staining

A

CD8 Staining

B

FAP Staining

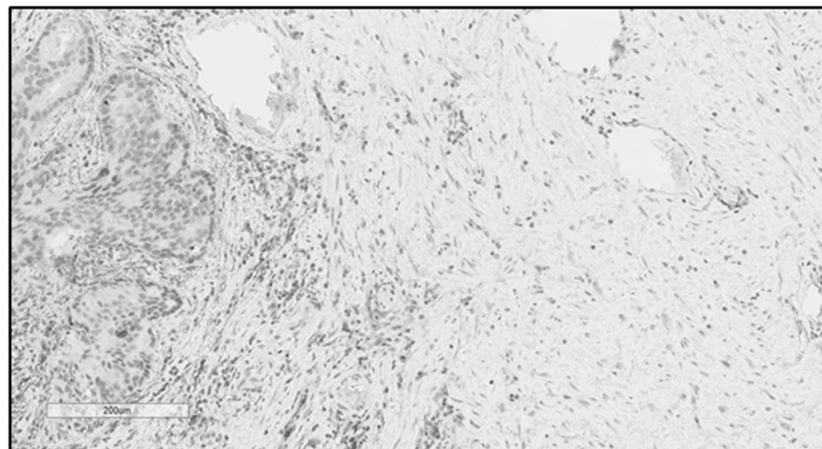
C

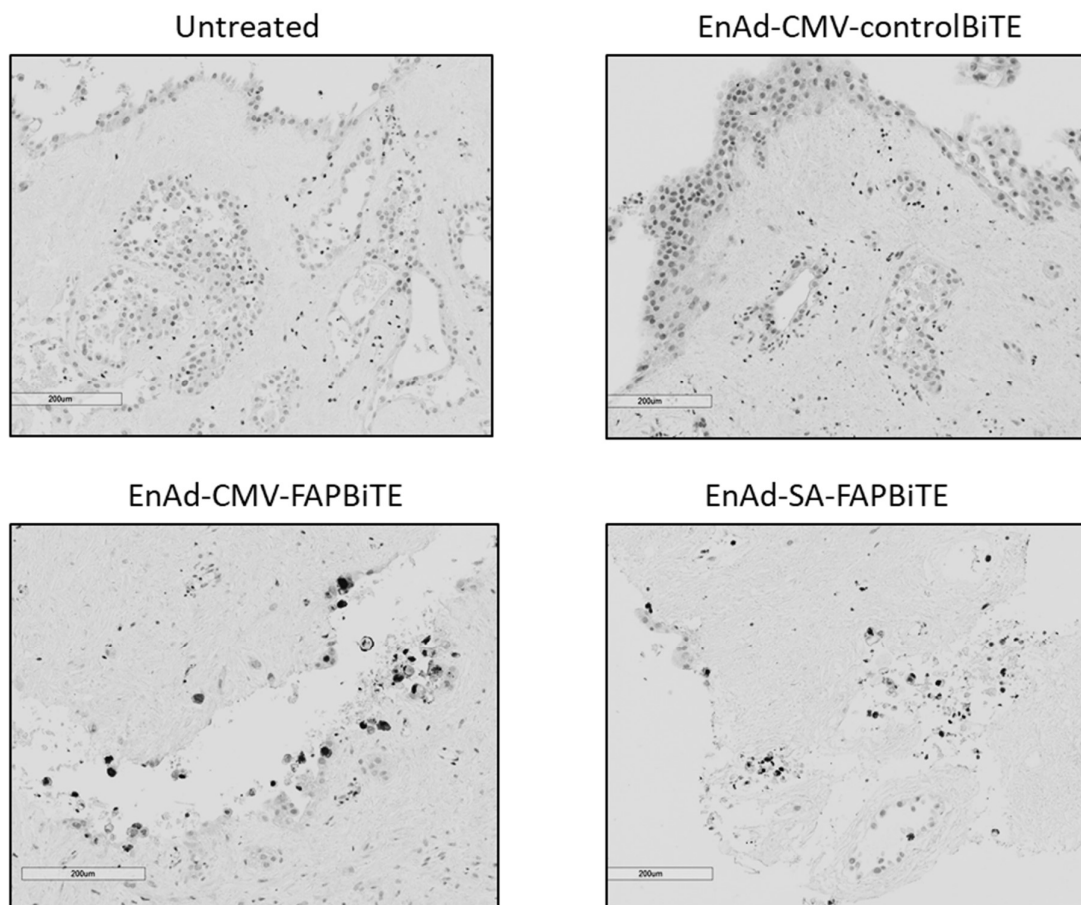
Figure 76**D**

Figure 76

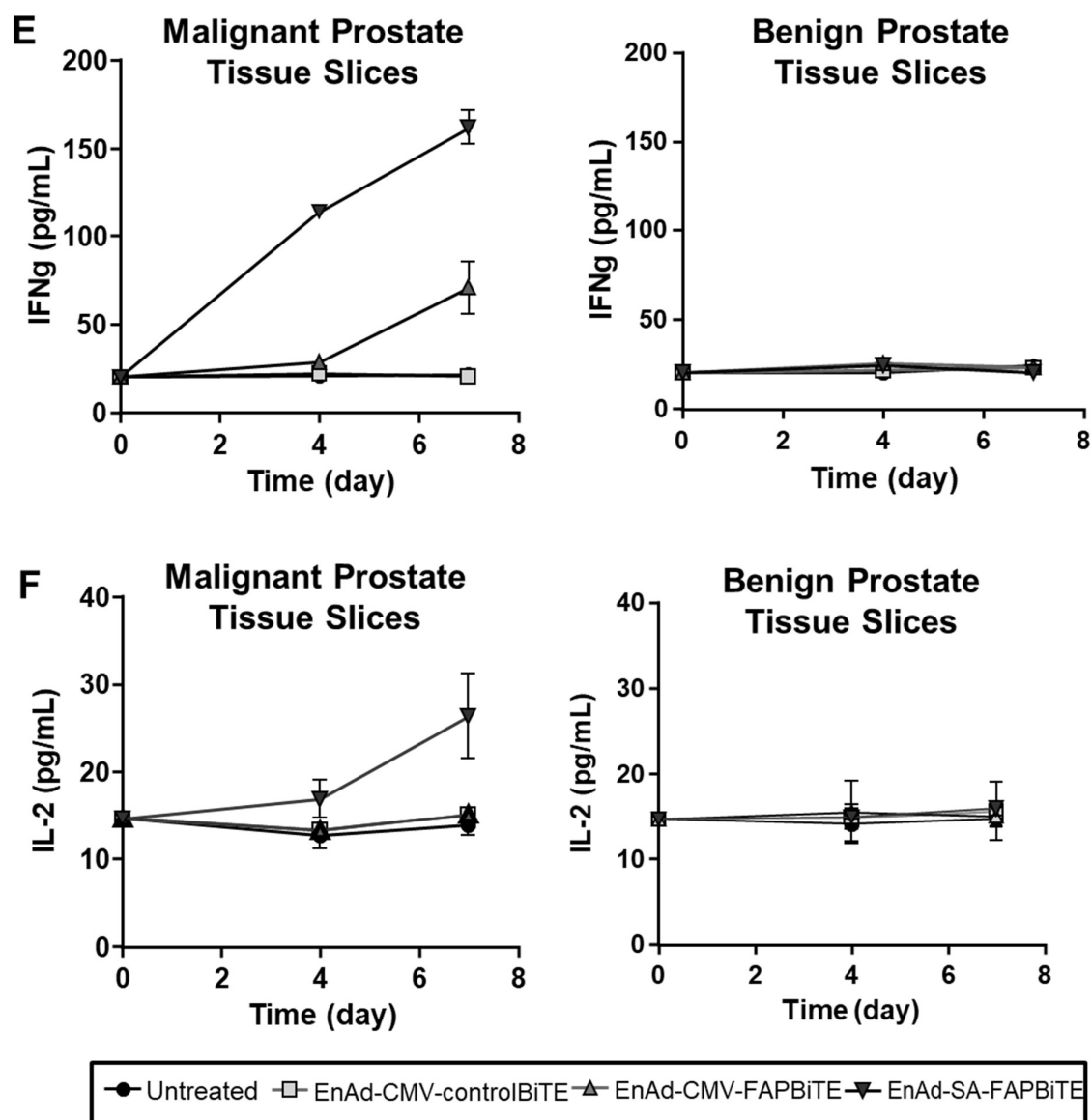


Figure 77

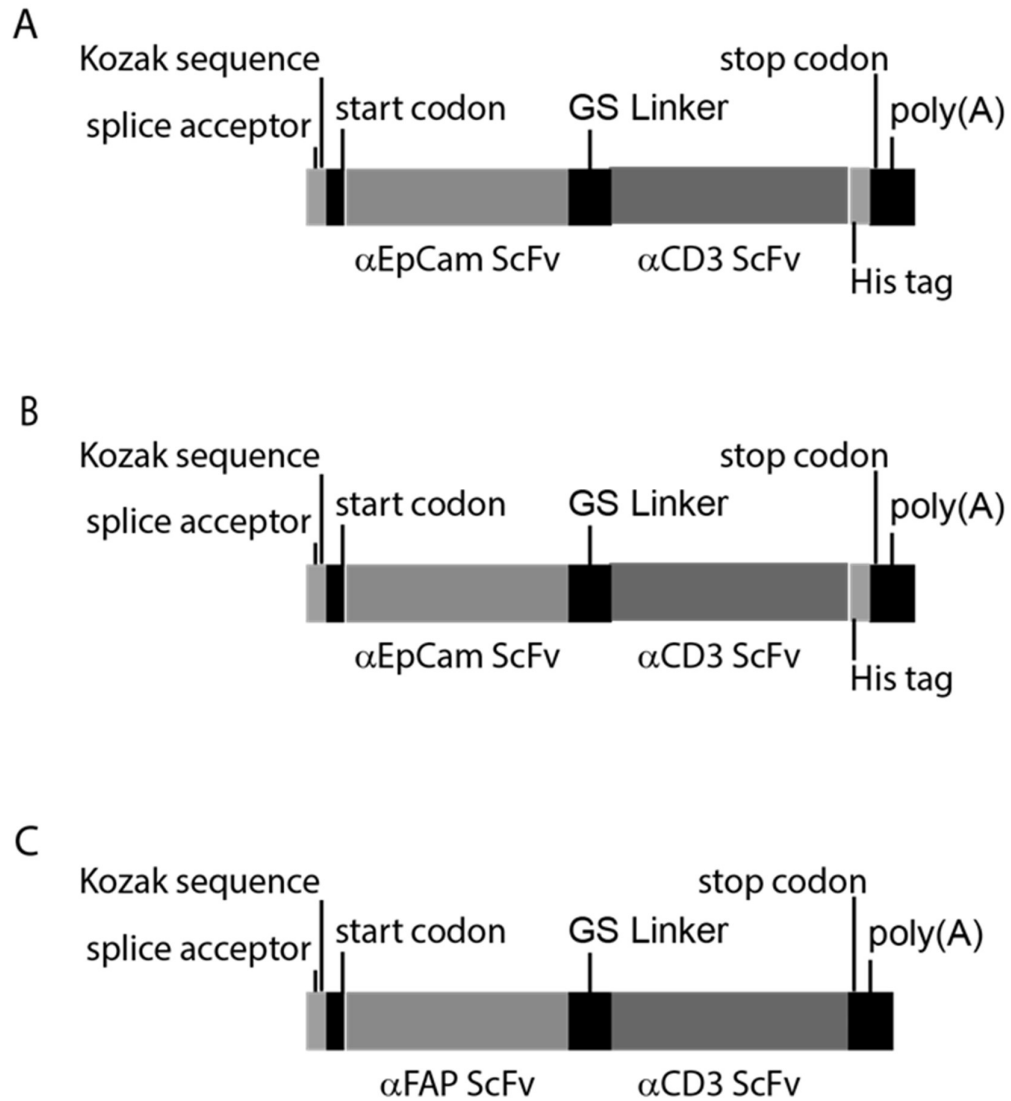


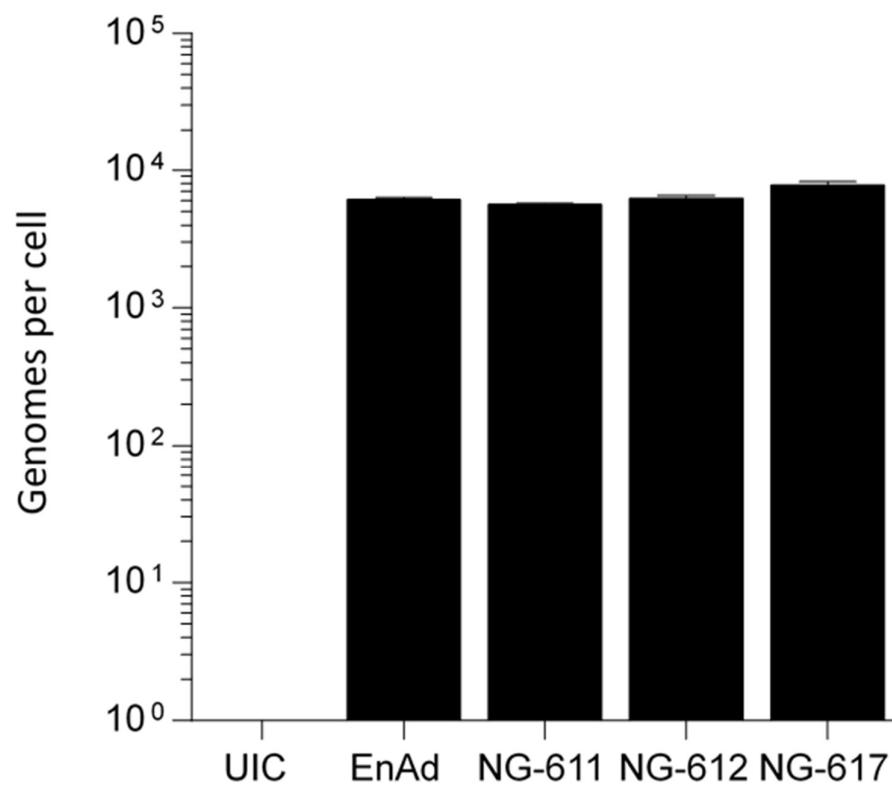
Figure 77D

Figure 78

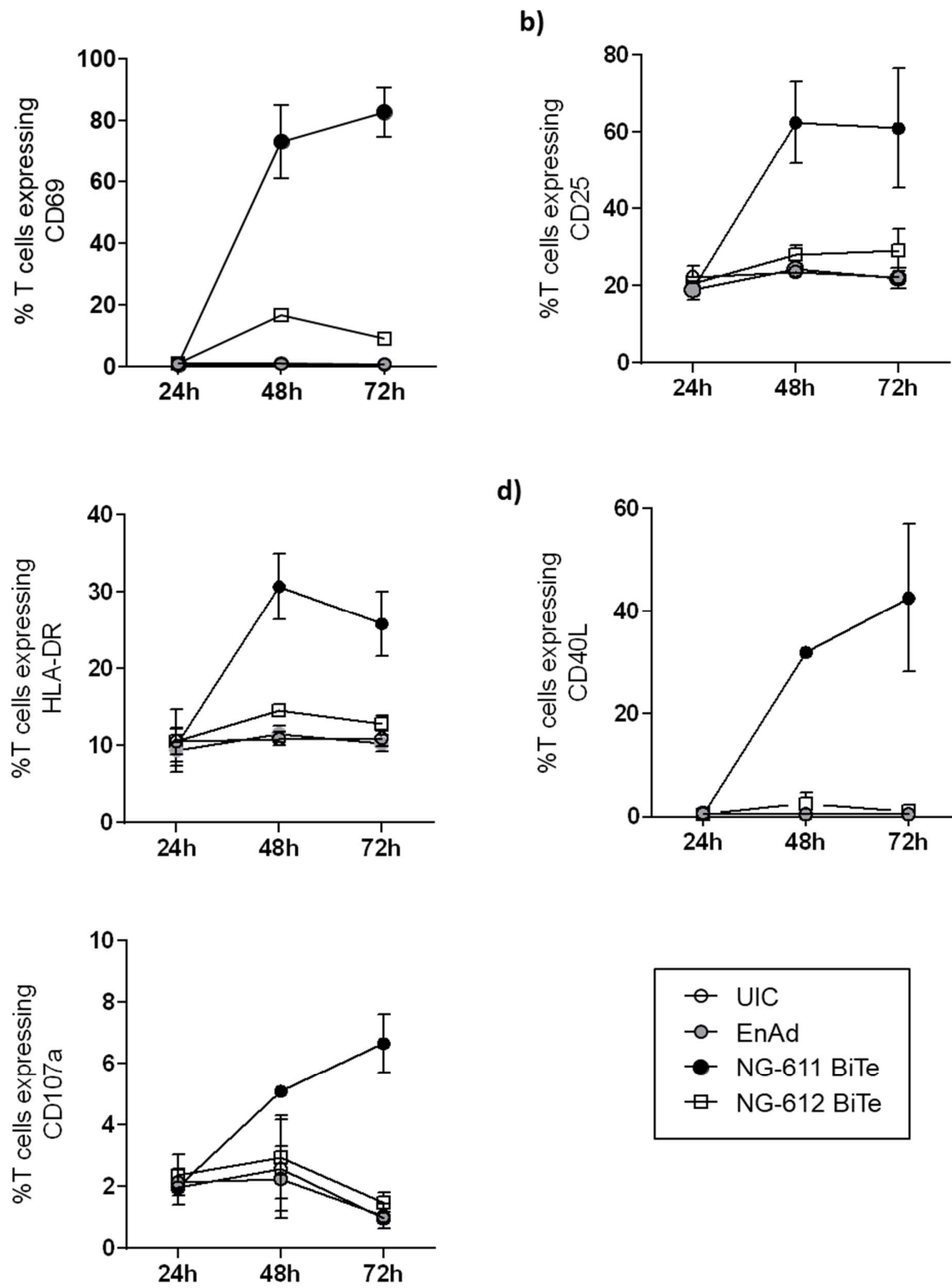


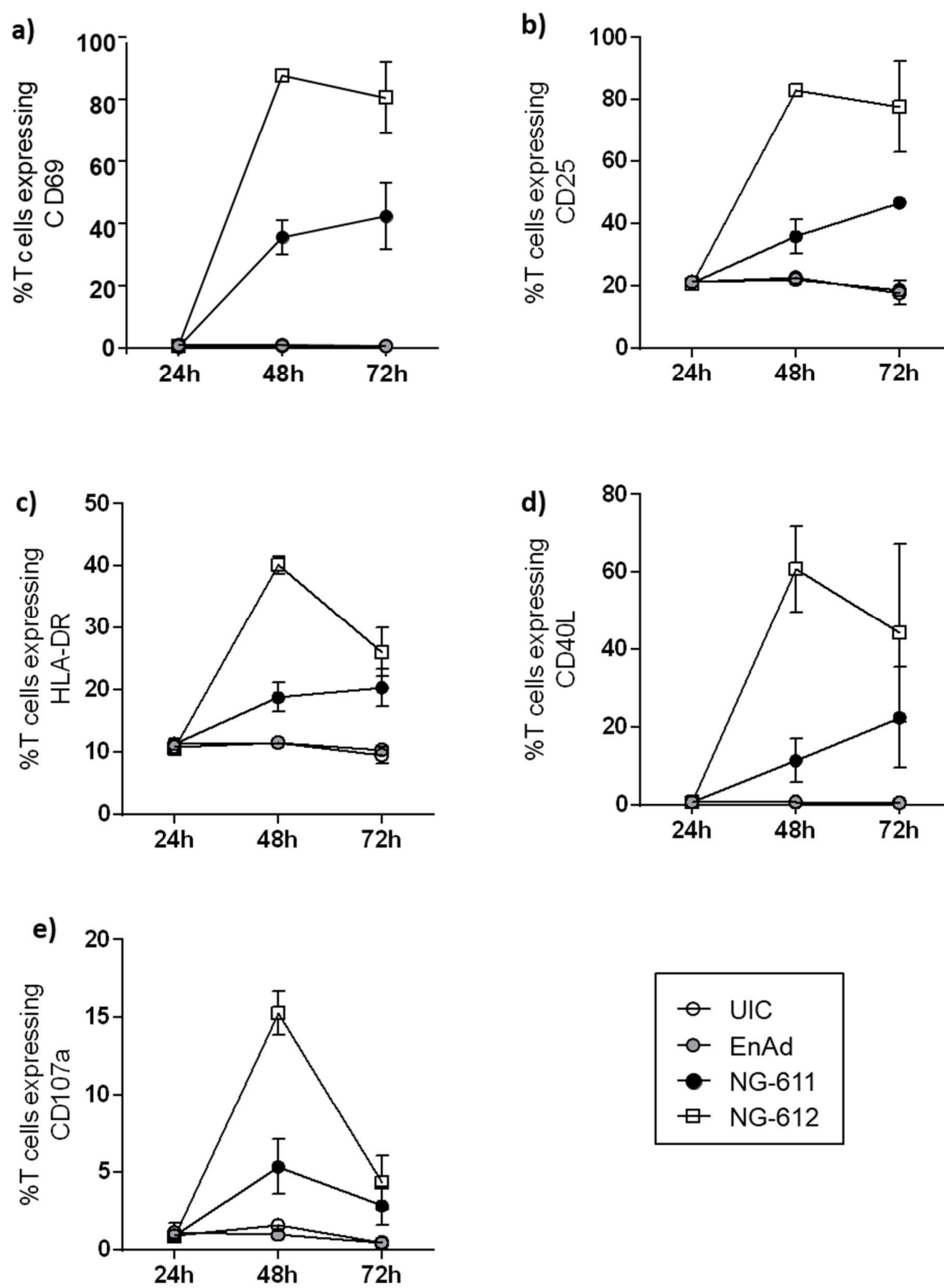
Figure 79

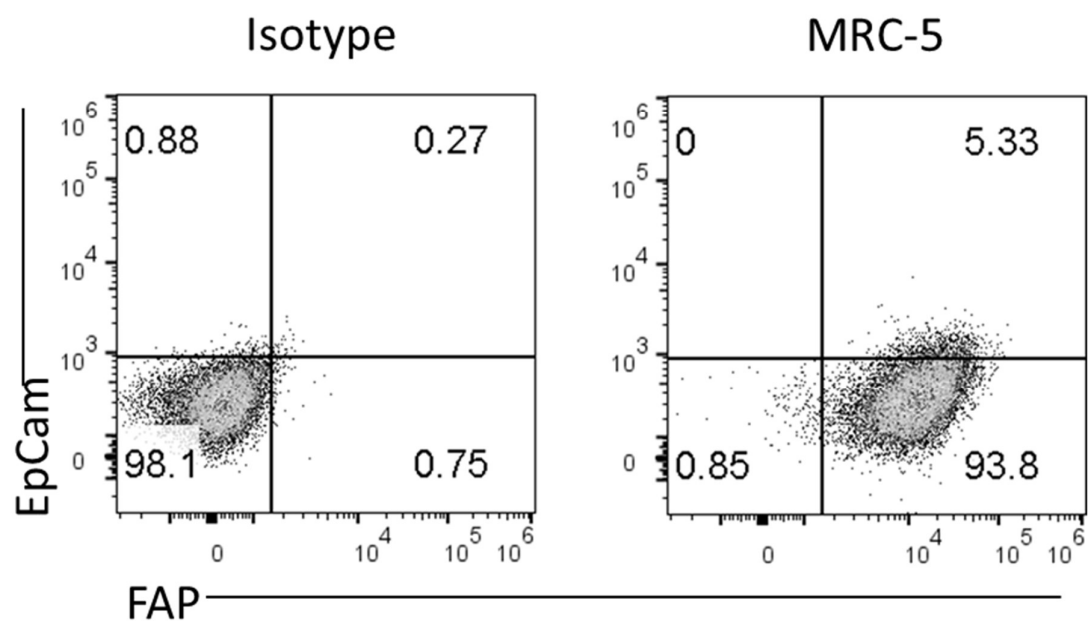
Figure 80

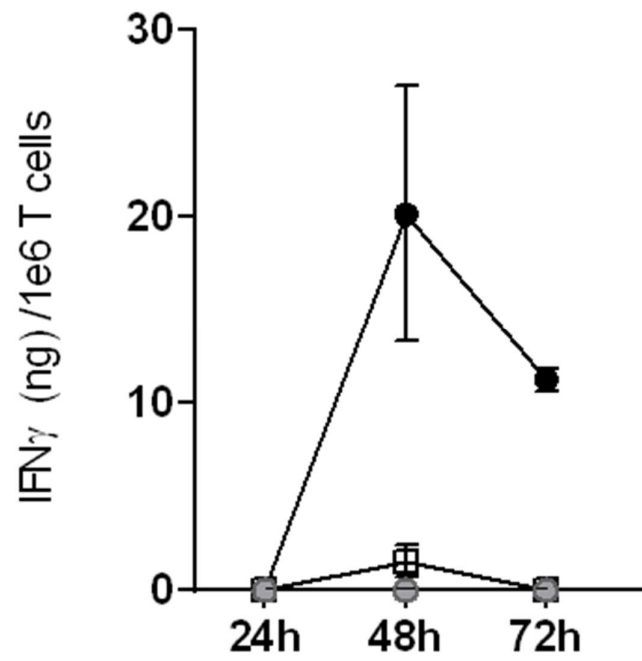
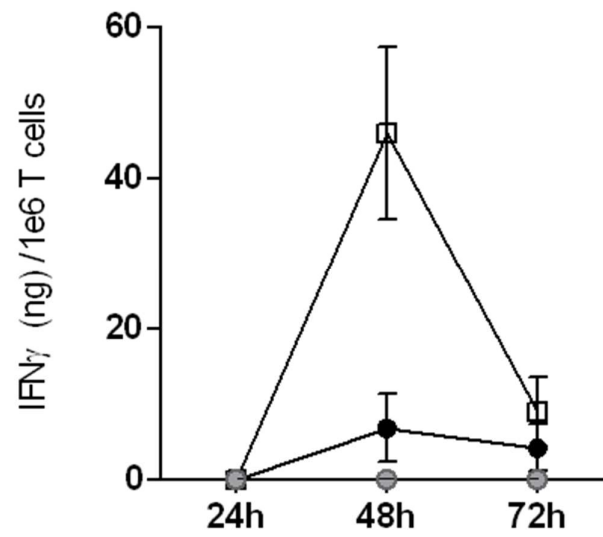
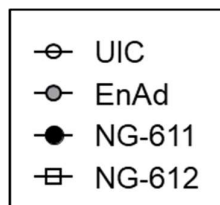
Figure 81A**Figure 81B**

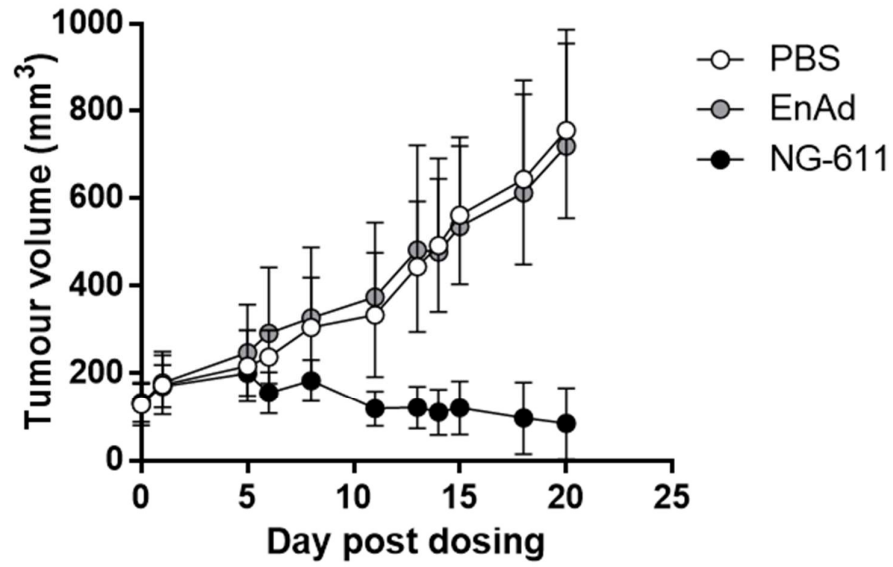
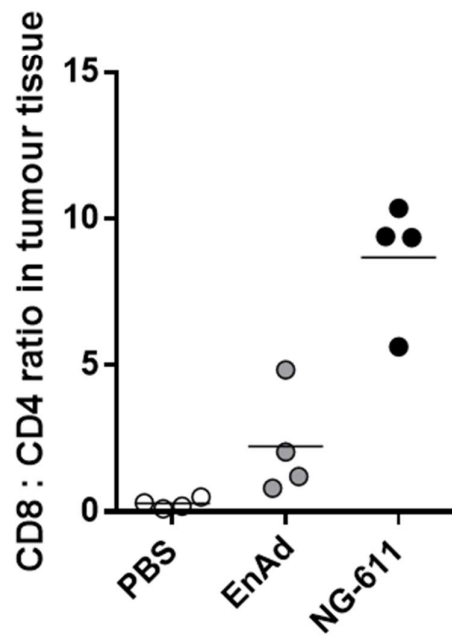
Figure 82**a)****b)**

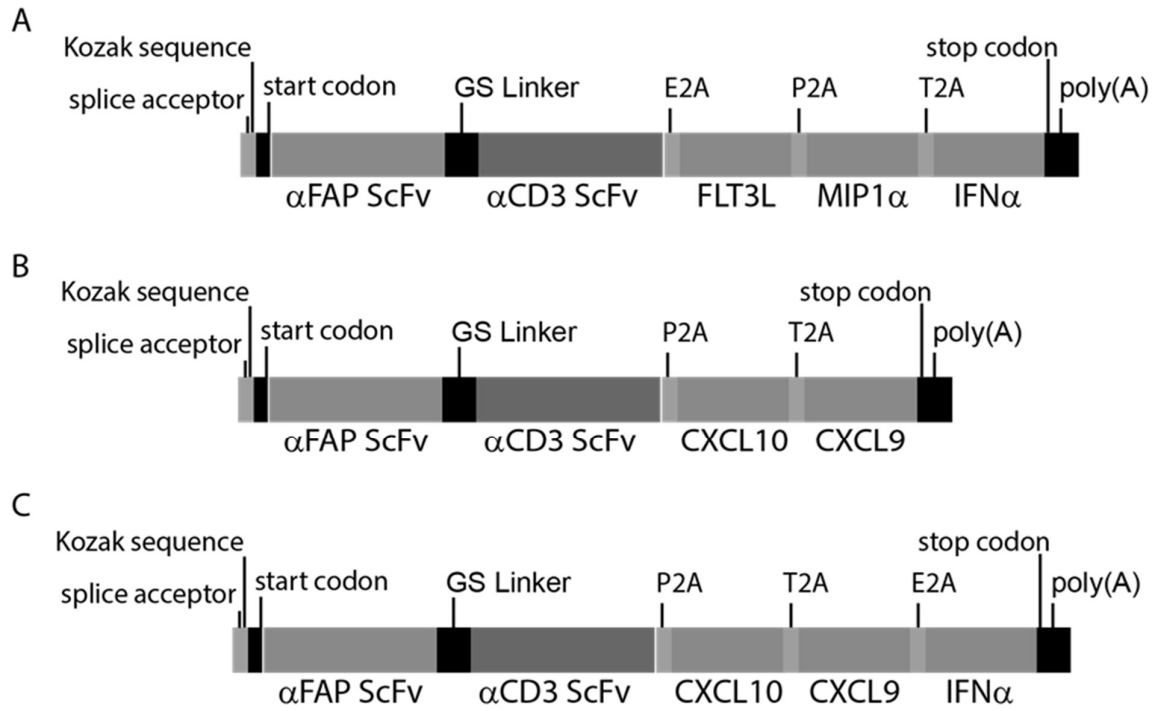
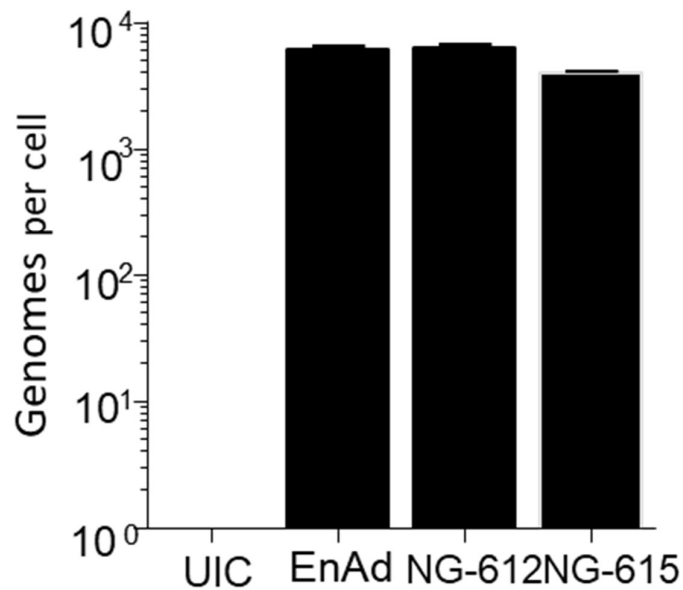
Figure 83**Figure 84**

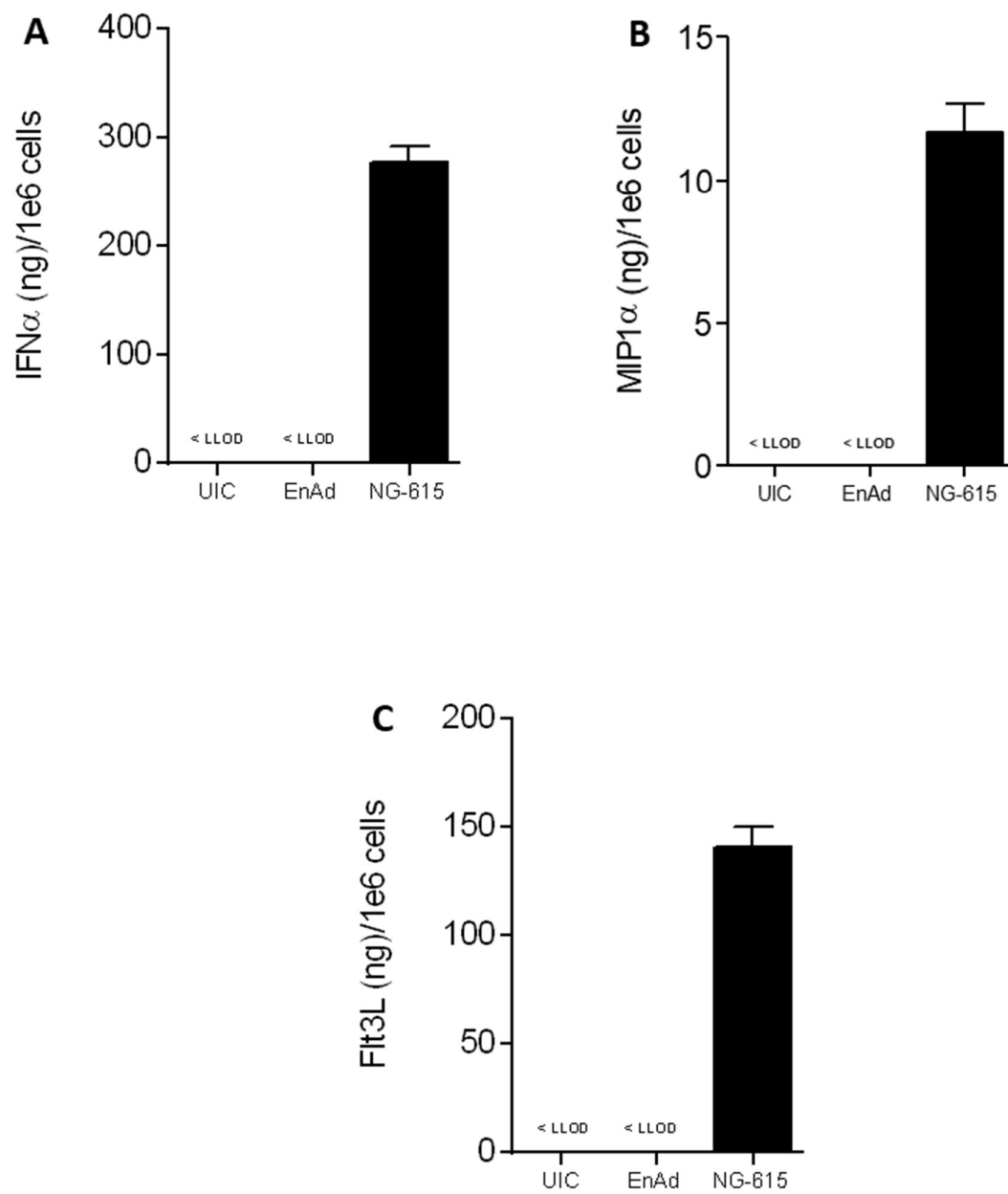
Figure 85

Figure 86

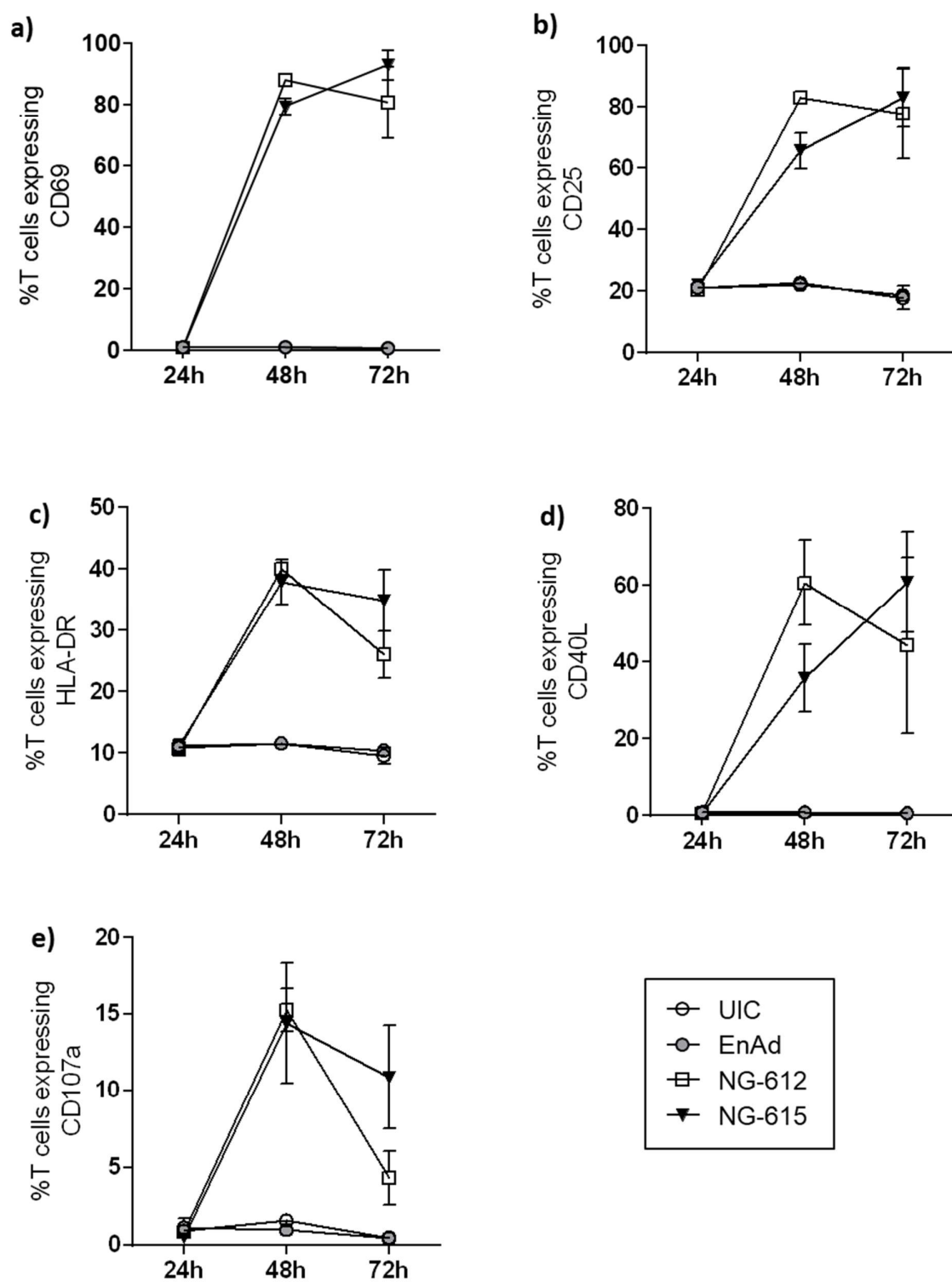


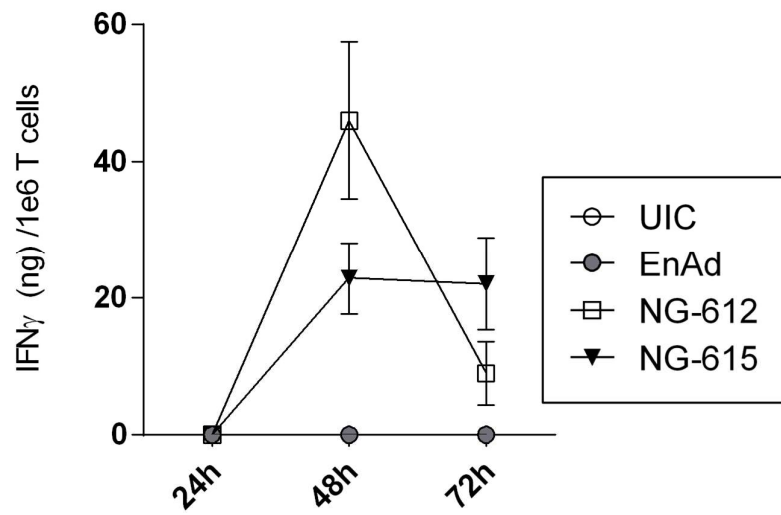
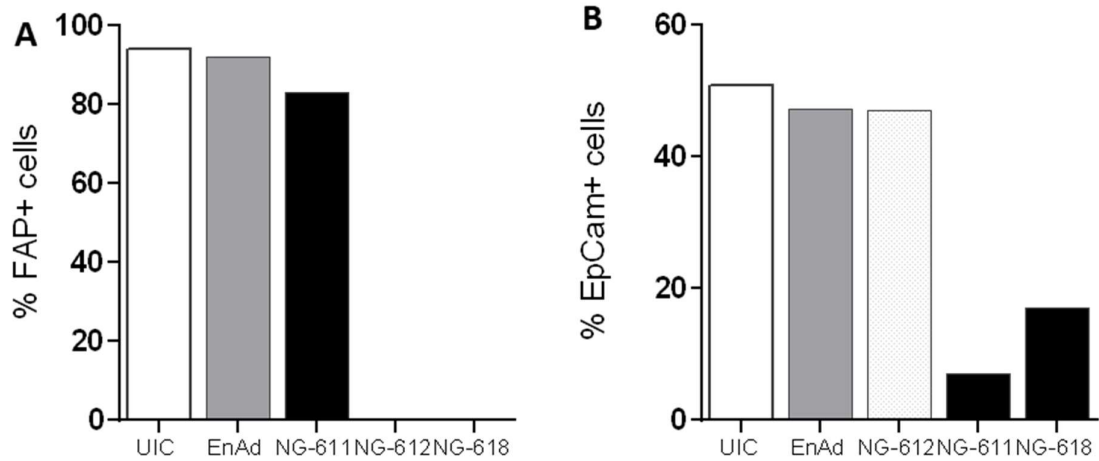
Figure 87**Figure 88****Figure 89**

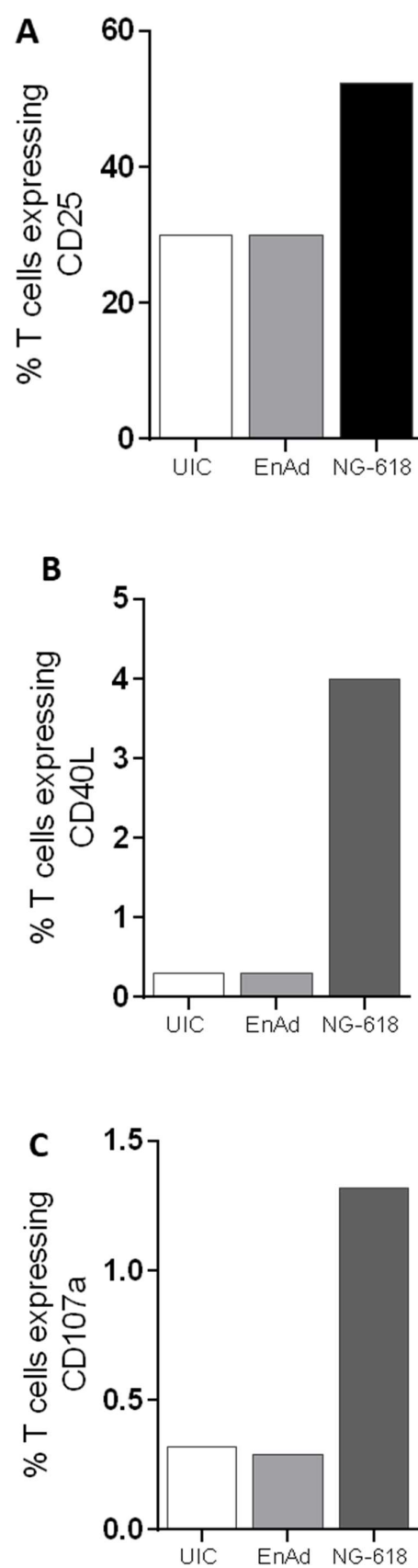
Figure 90

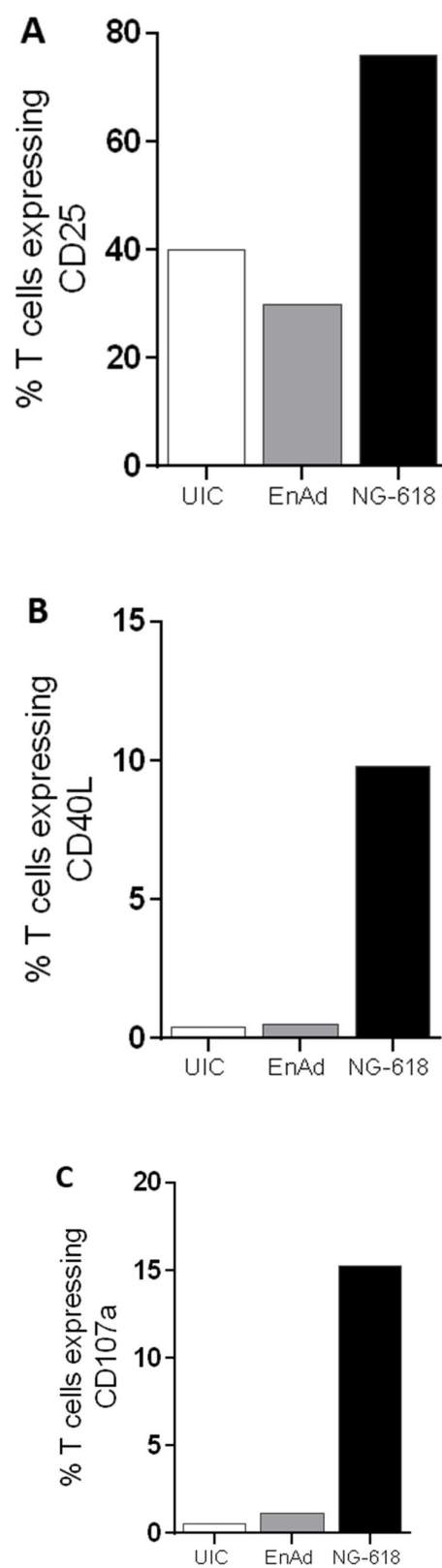
Figure 91

Figure 92