



THE UNIVERSITY *of* EDINBURGH

Edinburgh Research Explorer

## TCR-stimulated changes in cell surface CD46 expression generate type 1 regulatory T cells

**Citation for published version:**

Ni Choileain, S, Hay, J, Thomas, J, Williams, A, Vermeren, MM, Benezech, C, Gomez-salazar, M, Hugues, OR, Vermeren, S, Howie, SEM, Dransfield, I & Astier, AL 2017, 'TCR-stimulated changes in cell surface CD46 expression generate type 1 regulatory T cells' *Science Signaling*, vol. 10, no. 502, pp. eaah6163. DOI: 10.1126/scisignal.aah6163

**Digital Object Identifier (DOI):**

[10.1126/scisignal.aah6163](https://doi.org/10.1126/scisignal.aah6163)

**Link:**

[Link to publication record in Edinburgh Research Explorer](#)

**Document Version:**

Peer reviewed version

**Published In:**

Science Signaling

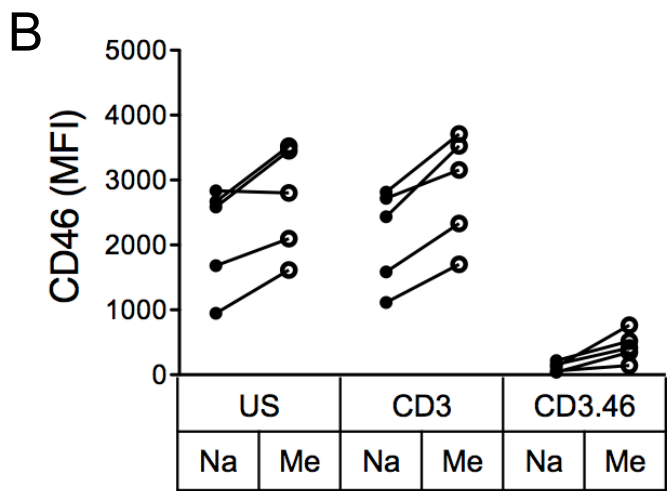
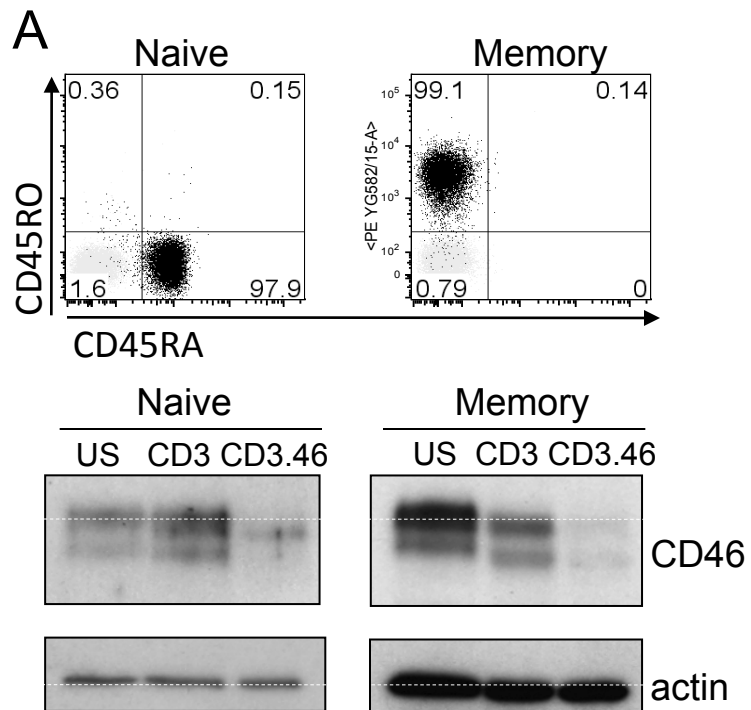
**General rights**

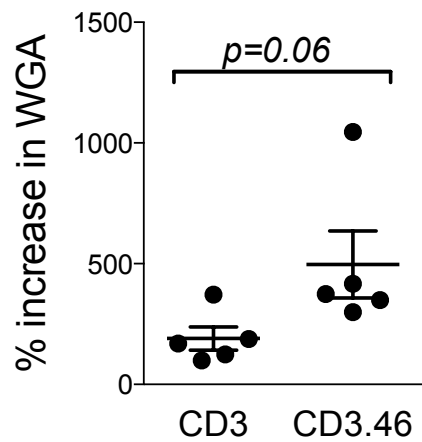
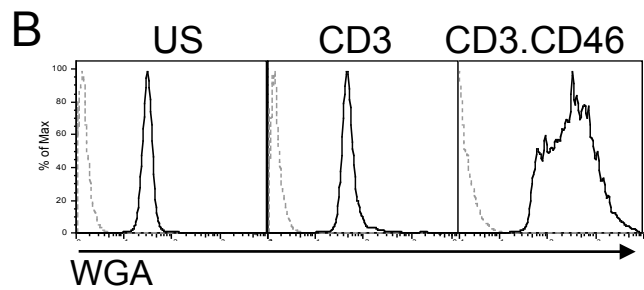
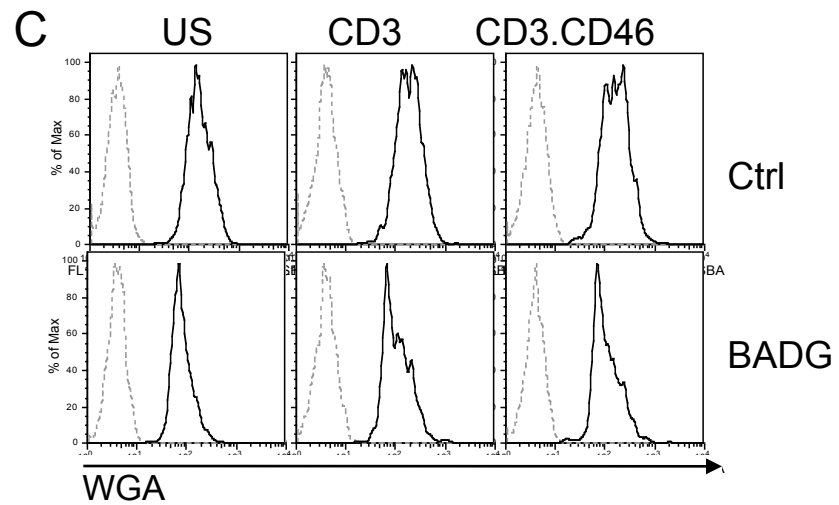
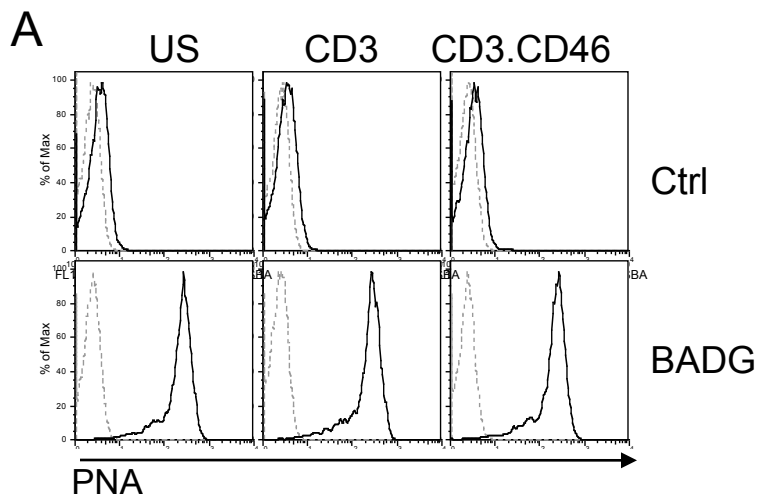
Copyright for the publications made accessible via the Edinburgh Research Explorer is retained by the author(s) and / or other copyright owners and it is a condition of accessing these publications that users recognise and abide by the legal requirements associated with these rights.

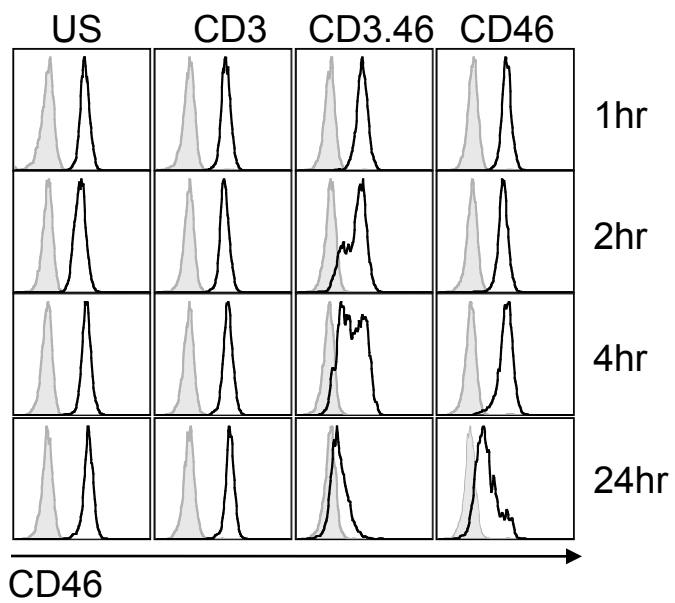
**Take down policy**

The University of Edinburgh has made every reasonable effort to ensure that Edinburgh Research Explorer content complies with UK legislation. If you believe that the public display of this file breaches copyright please contact [openaccess@ed.ac.uk](mailto:openaccess@ed.ac.uk) providing details, and we will remove access to the work immediately and investigate your claim.

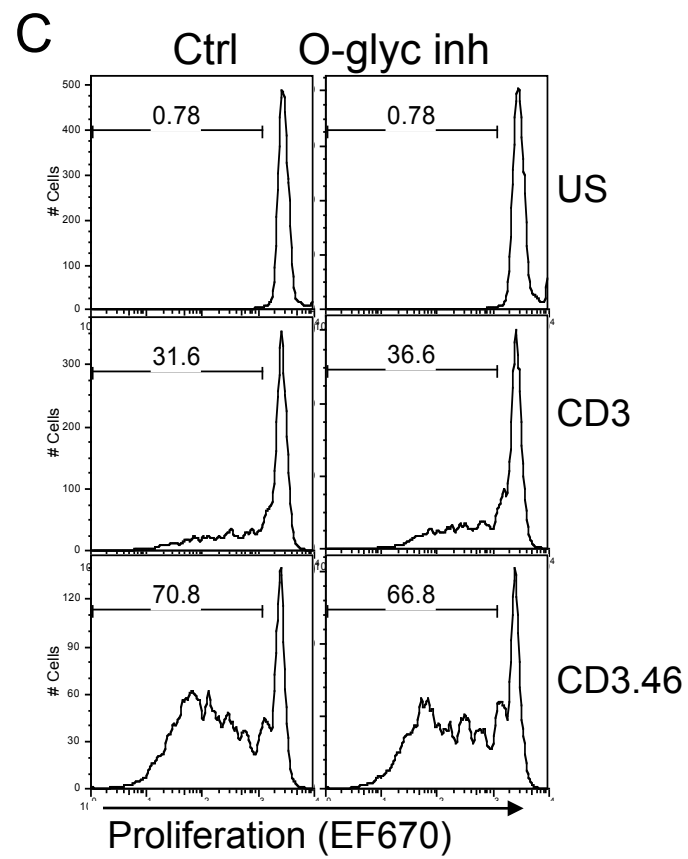
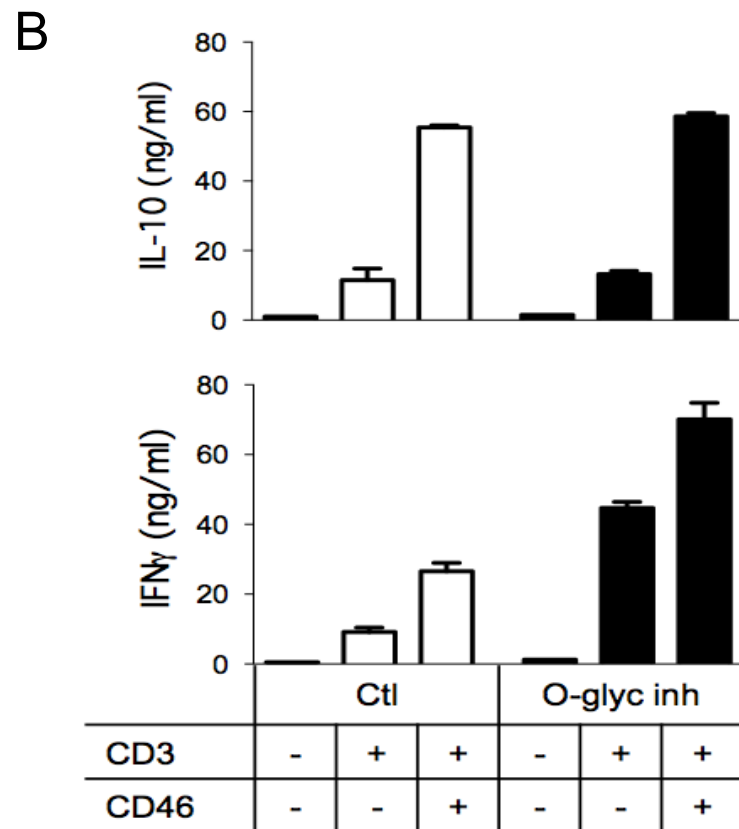
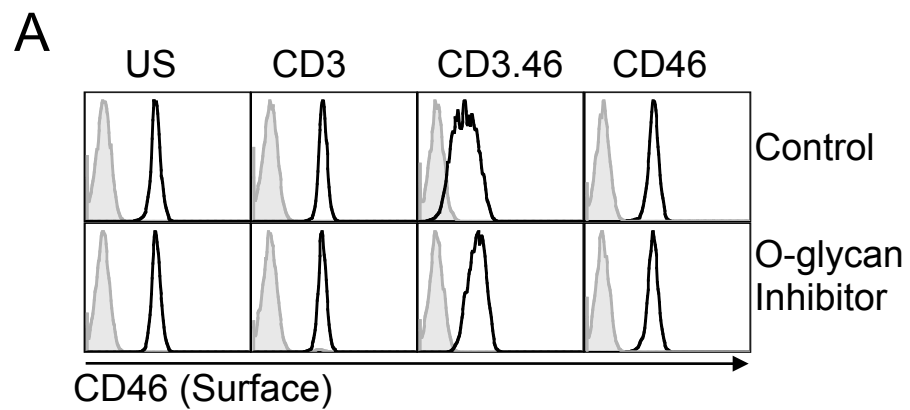


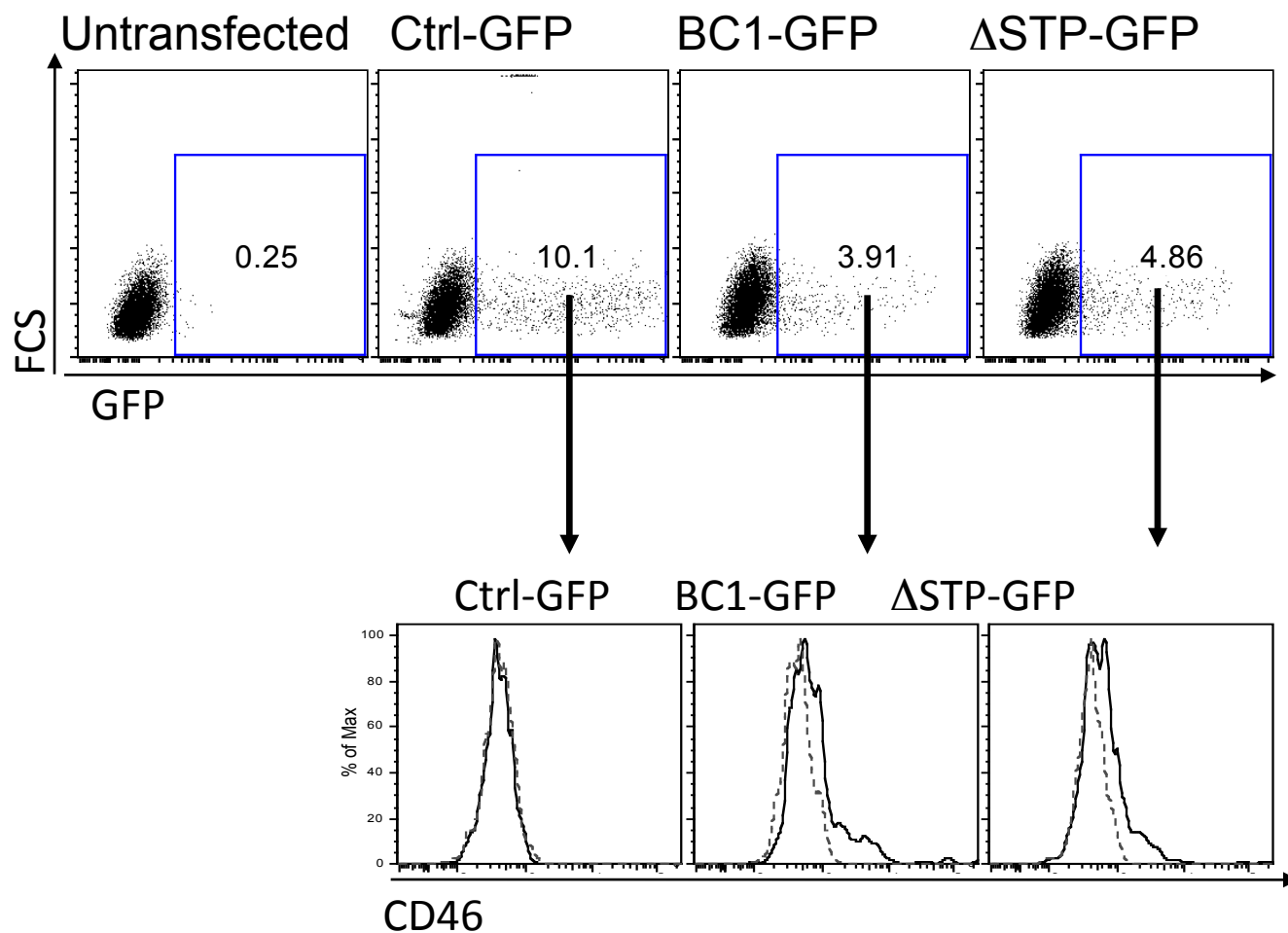


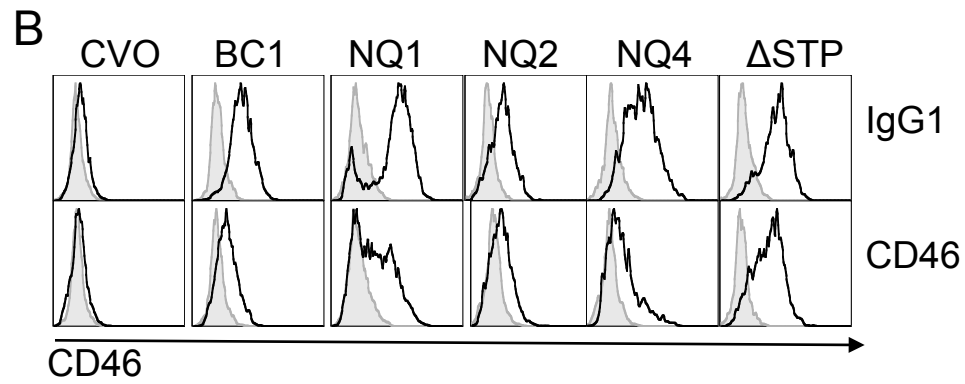
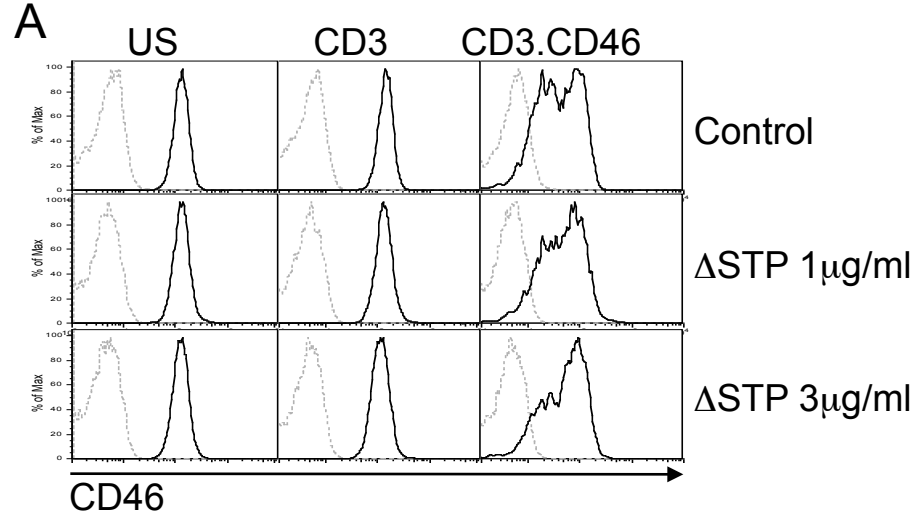


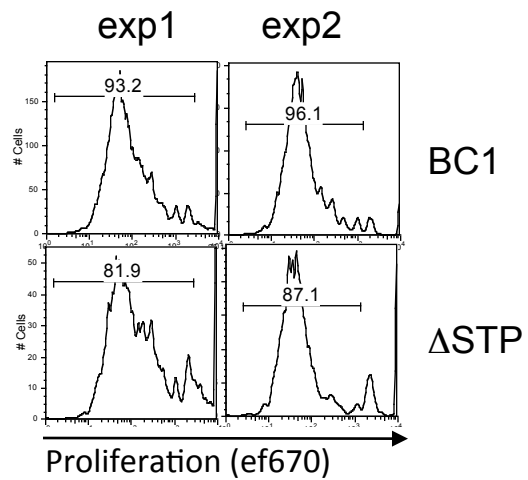


Supp Fig S3





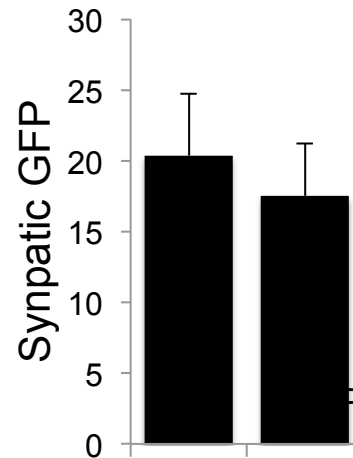
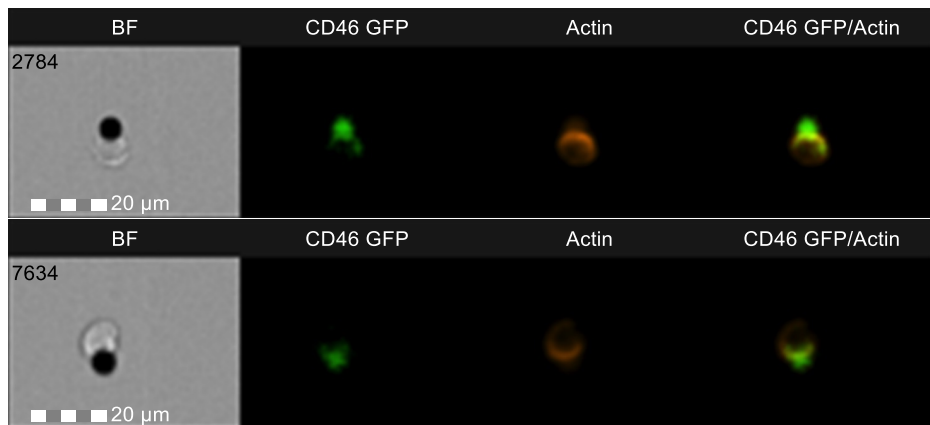




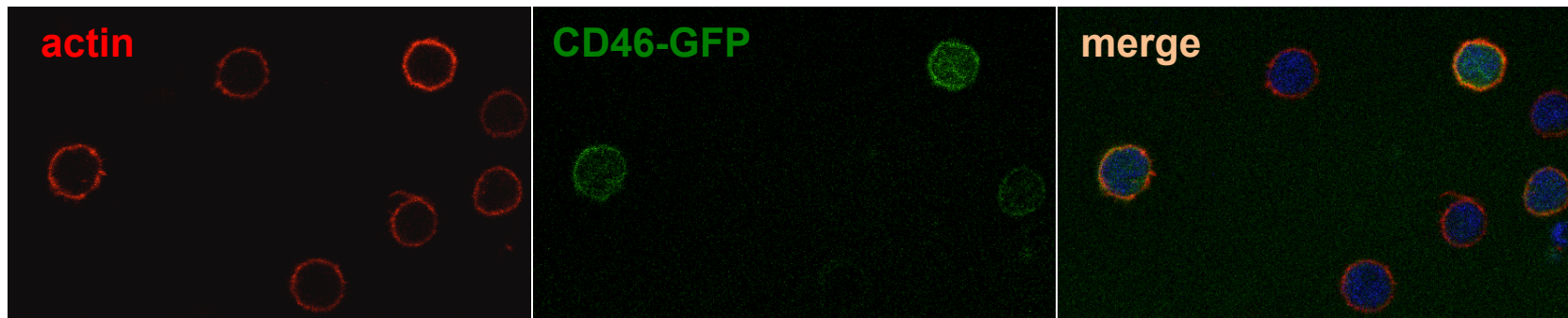
Stimulation by CD3/CD28 beads

Supp Figure S7

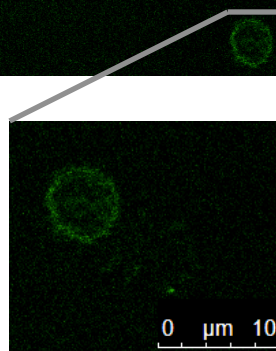
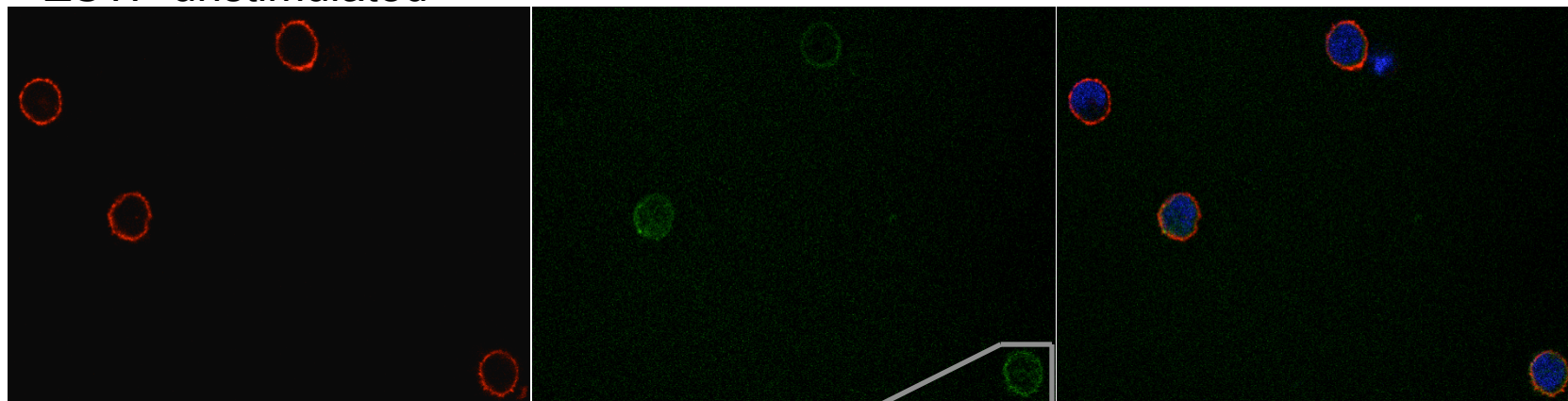




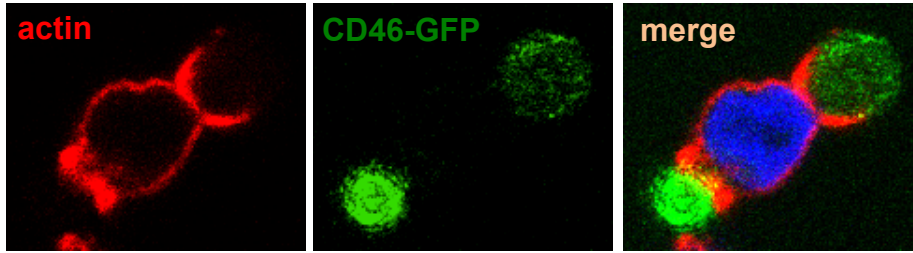
A BC1 Unstimulated



$\Delta$ STP unstimulated

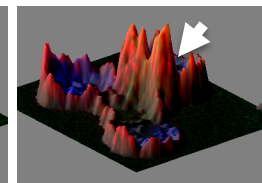
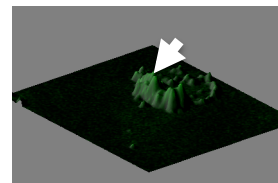
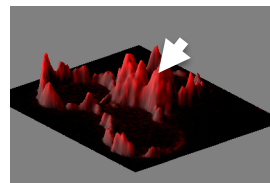
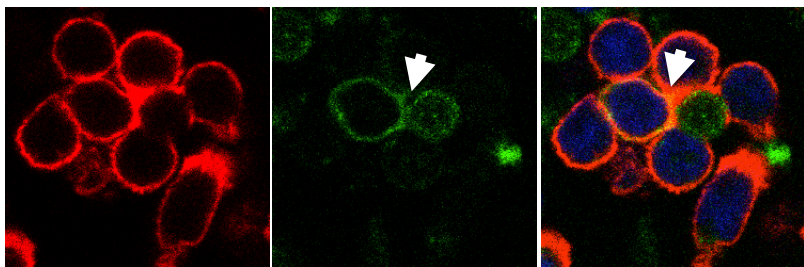
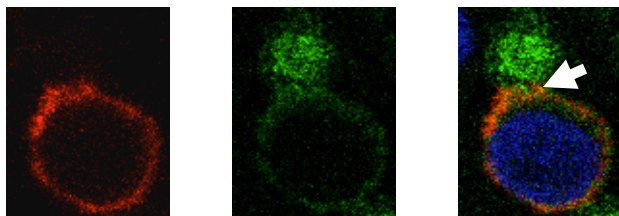
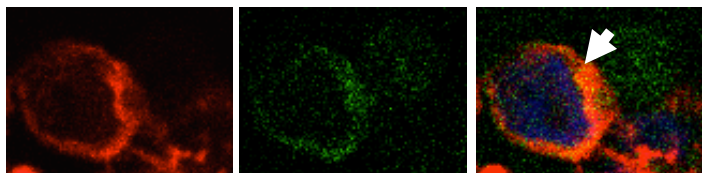
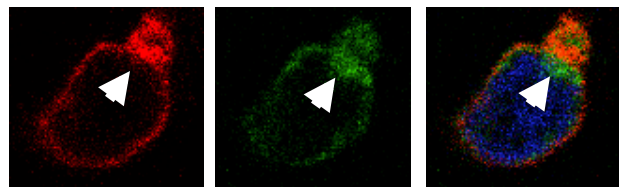
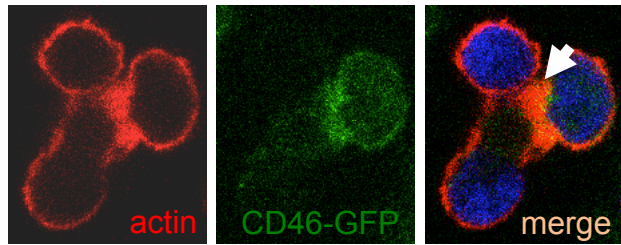


**B** Untransfected T cells

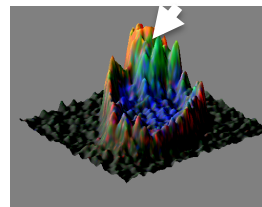
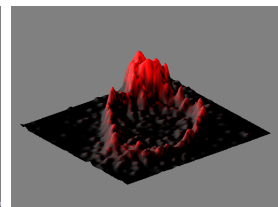
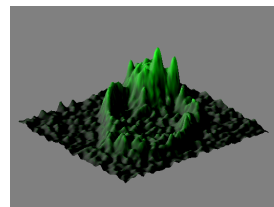


Supp Figure S9B

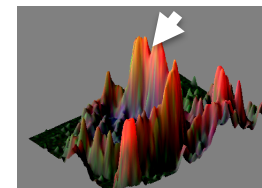
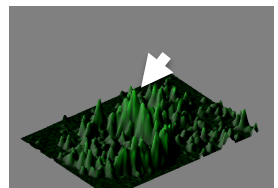
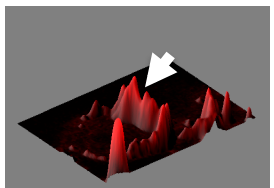
C BC1 CD3/CD28 beads



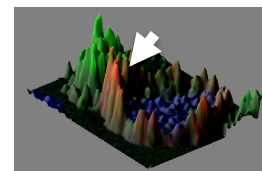
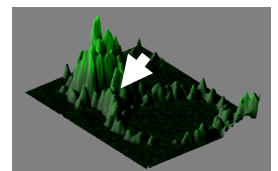
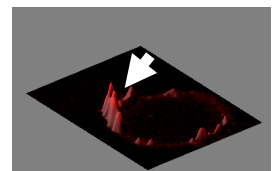
# 1



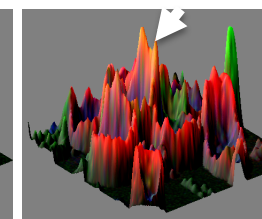
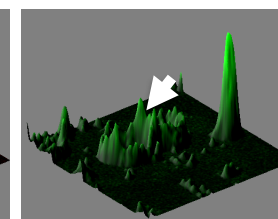
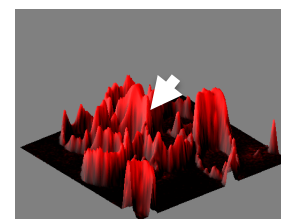
# 2



# 3

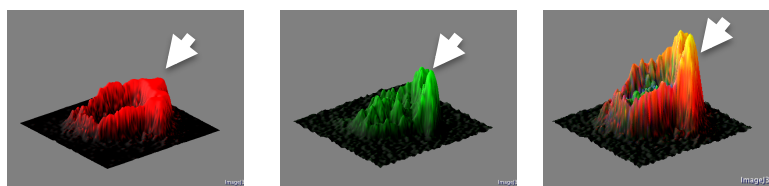
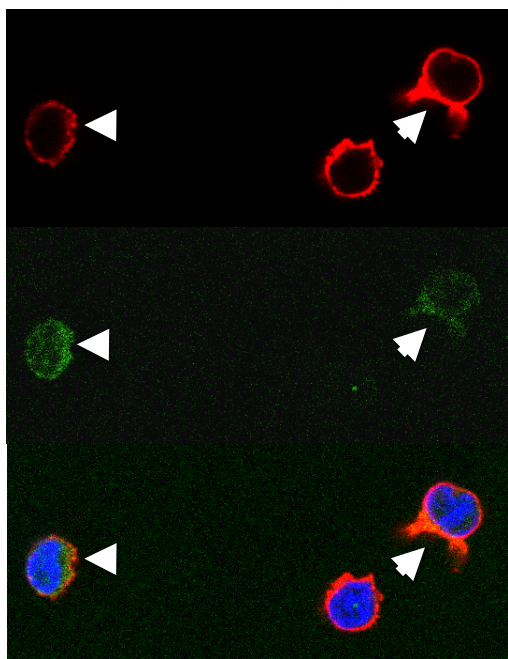
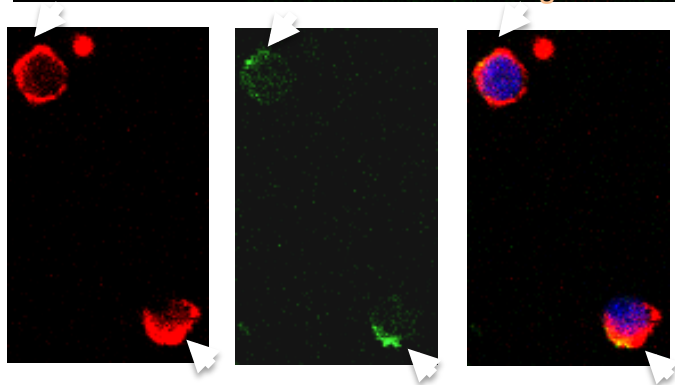
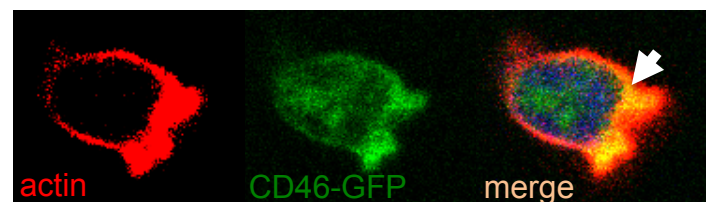


# 4

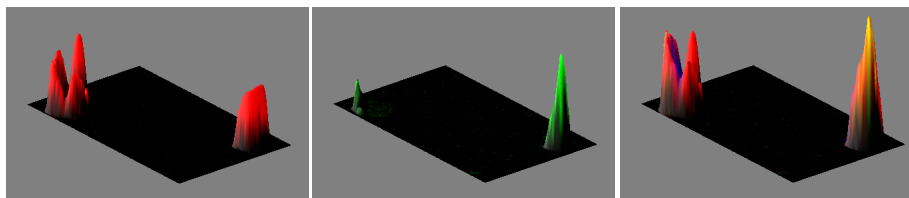


# 5

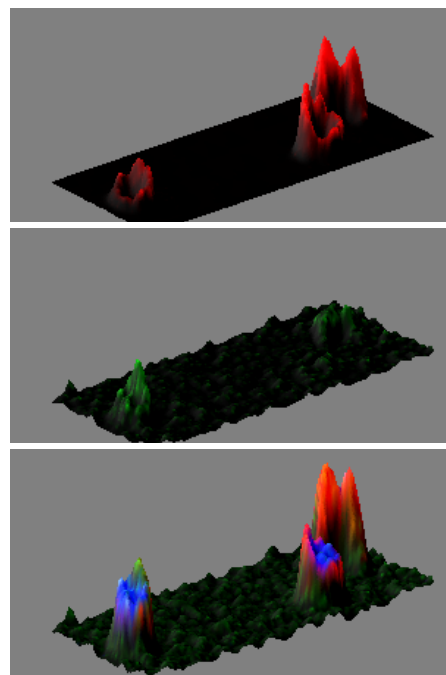
D BC1 CD3/CD46



# 1

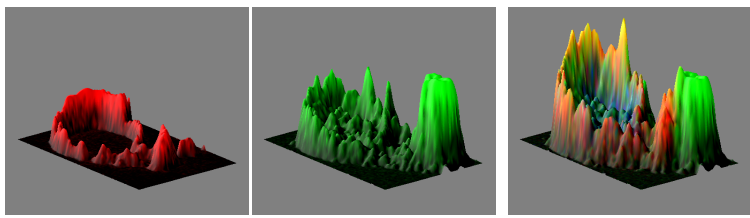
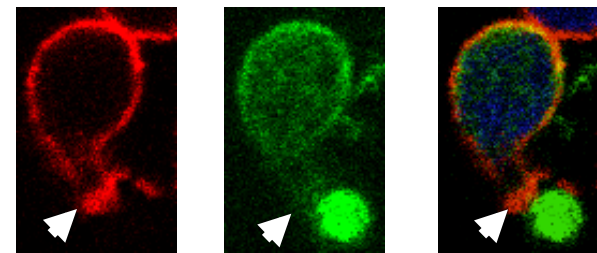


# 2

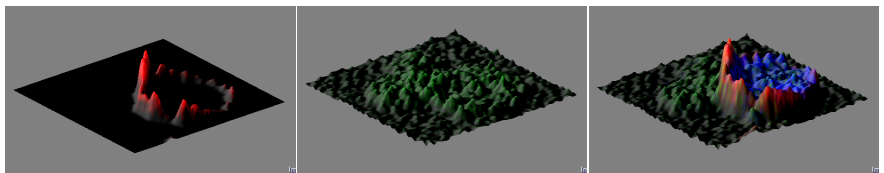
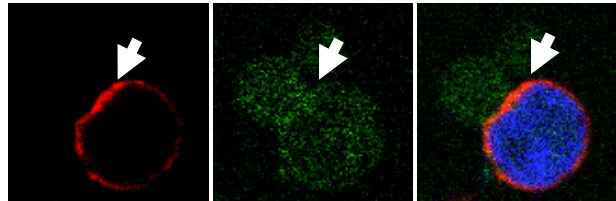


# 3

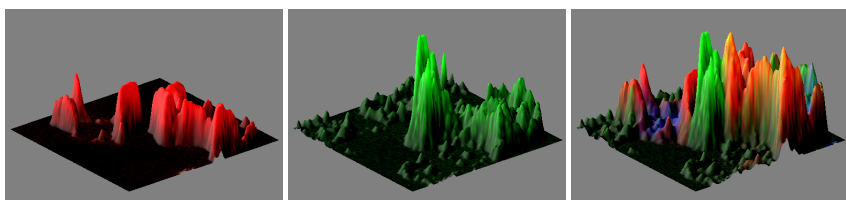
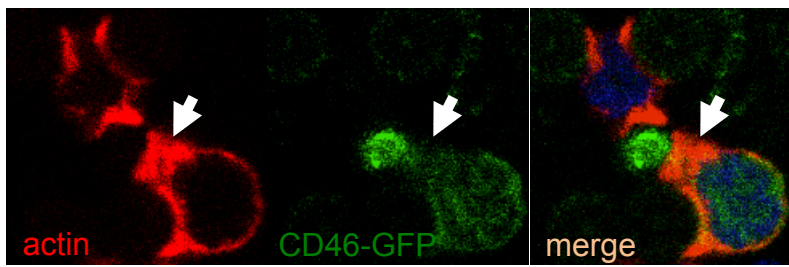
**A**  $\Delta$ STP CD3/CD28 beads



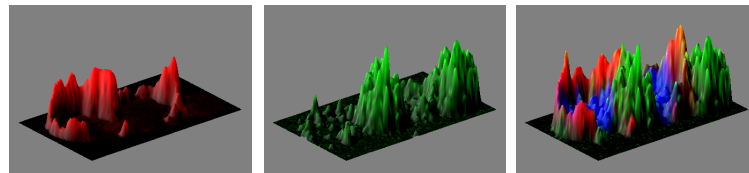
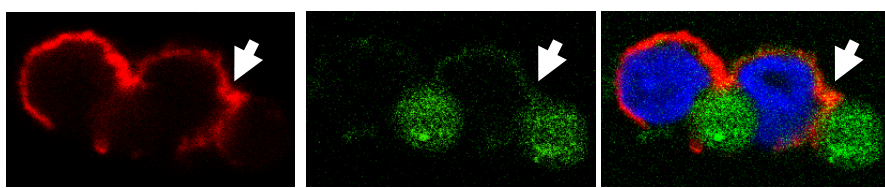
# 1



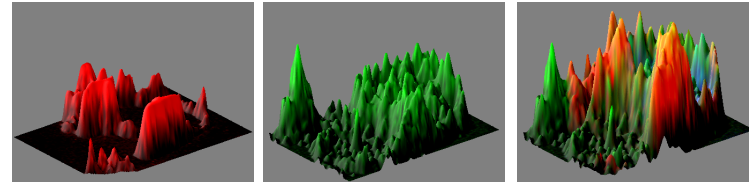
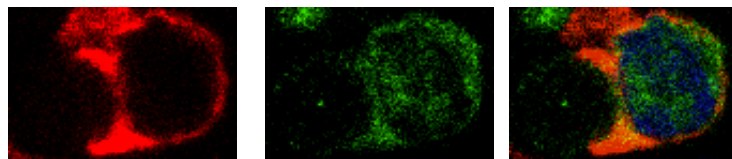
# 2



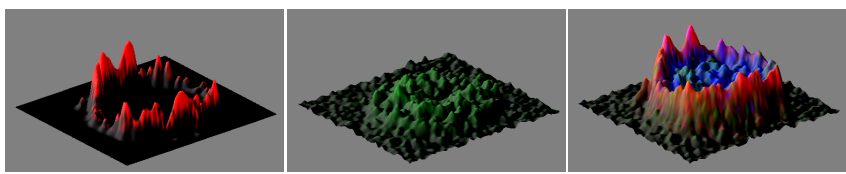
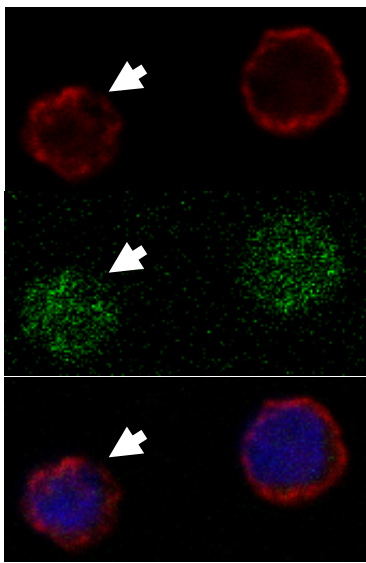
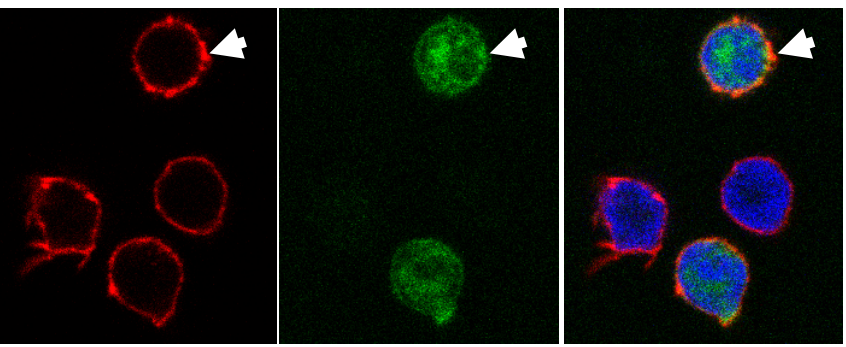
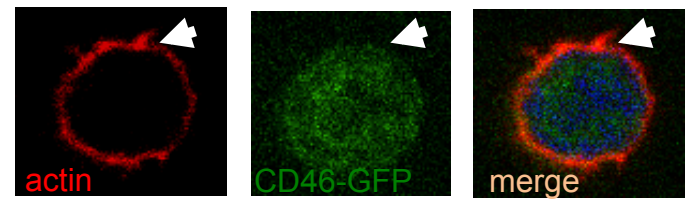
# 3



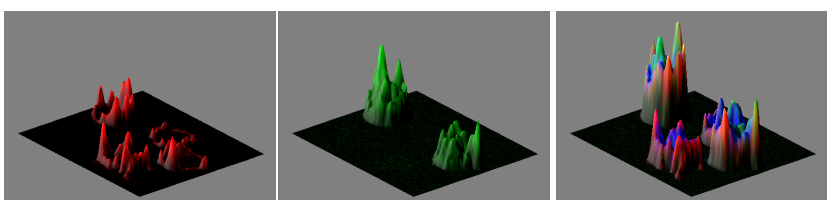
# 4



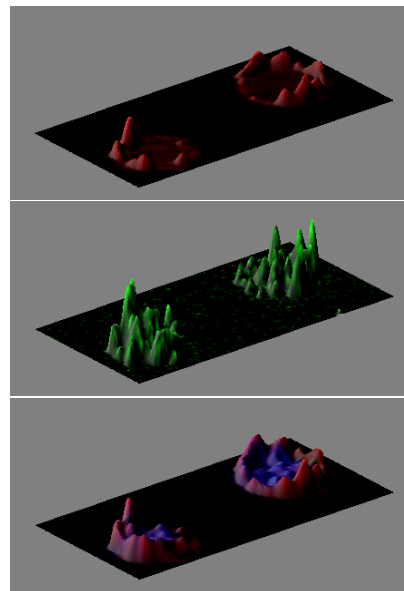
# 5

**B** $\Delta$ STP CD3/CD46

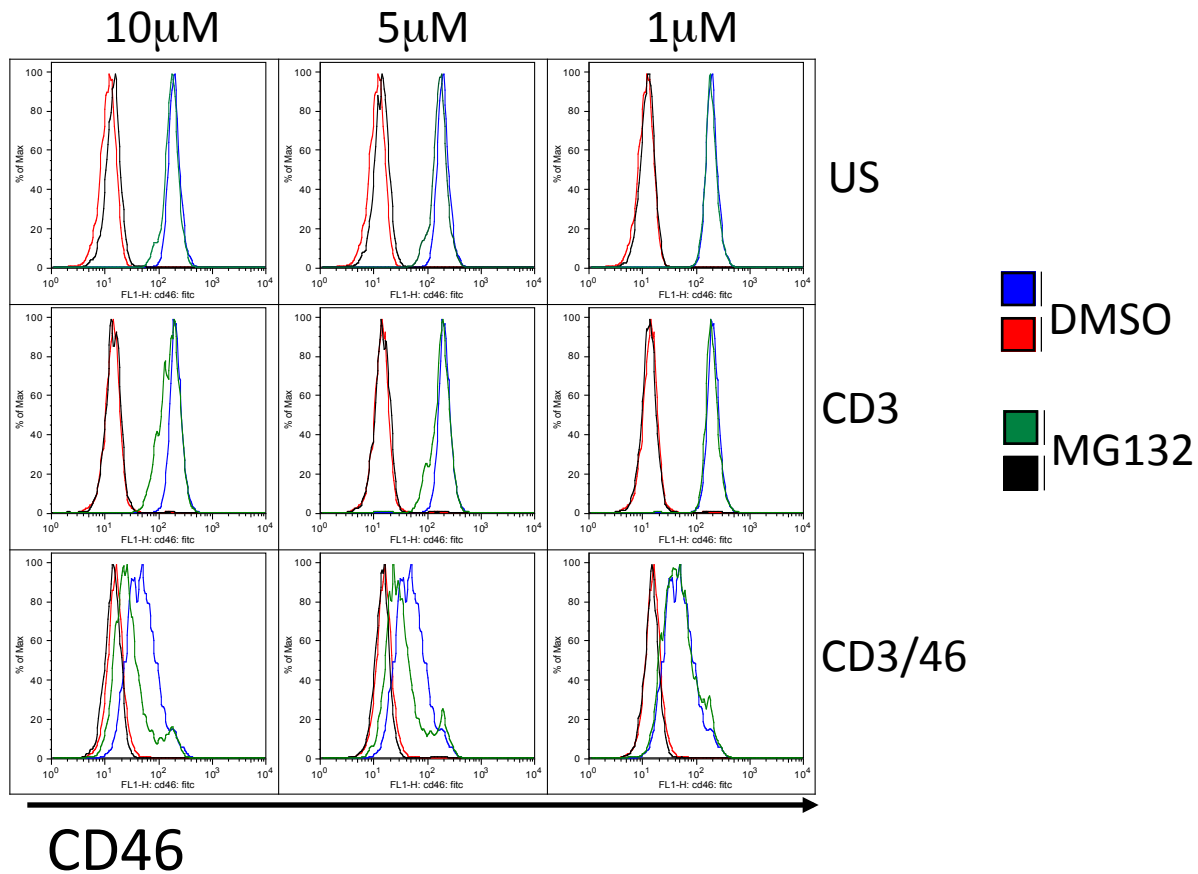
# 1



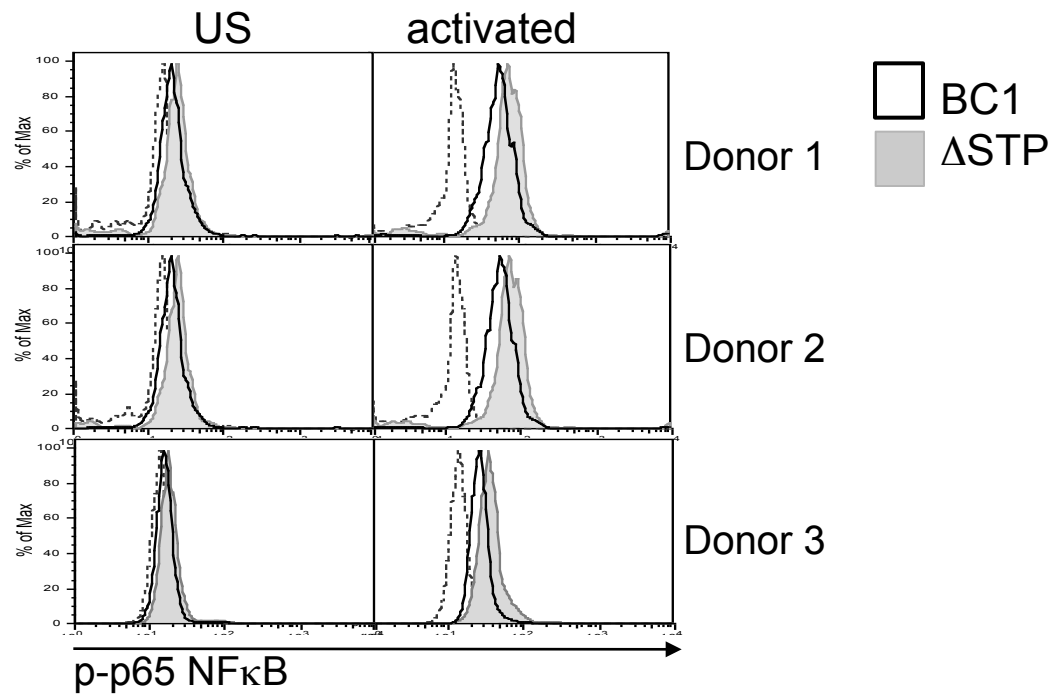
# 2



# 3







Supp Figure S12

