

Table S4. Fixation following antibody staining significantly alters detection of a small proportion of markers.

Antigen	Control	Fixation Post-Stain	Absolute Change	Fold Change	Notes and Reference
CD53	11.3	3.12	8.2	0.28	HI29 induced homotypic cell aggregation of lymphoid cell lines http://www.sciencedirect.com/science/article/pii/S0171298597800587
CD74	9.0	33.1	24.1	3.67	No specific information on this antibody, antigen, epitope
CD109	7.4	2.3	5.2	0.30	Some epitopes disrupted by SDS http://bloodjournal.hematologylibrary.org/content/99/5/1692.full.pdf
CD114	11.5	2.9	8.6	0.25	Raised against intact cell membrane protein http://www.sciencedirect.com/science/article/pii/S0301472X10003541
CD134	14.1	6.2	7.9	0.44	Undergoes conformational change with eGFP tag http://jvi.asm.org/content/80/7/3386.full.pdf
CD159c	15.5	0.48	15.0	0.03	No specific information on this antibody, antigen, epitope
CD200	15.3	5.6	9.7	0.37	No specific information on this antibody, antigen, epitope
CD201	14.8	4.8	10.0	0.32	Antibody blocks activated protein C binding to endothelial protein C receptor http://www.copewithcytokines.de/cope.cgi?key=CD201_REFERENCES

A number of other epitopes showed > 10% absolute change without reaching a two-fold relative difference, including β 2-microglobulin, CD44, CD47, CD92, CD96, CD105, CD111, CD119, CD138, CD166, CD221, CD222, CD223, CD257, CD340, CD344, MICA/B and LT β R.