

Supplementary Table S2 : List of surface marker-specific antibodies and attached oligo

SI No	Surface Markers	Oligo sequence	Material number
1	CD195:2D7 CCR5 AHS0070	ATGGTTTACGTCGTACGTGGGT TTAGATTG GCGGTGC	940050
2	HLA-DR CD74 AHS0035	TGTTGGTTATTCGTTAGTGCAT CCGTTTG GCGGTGG	940010
3	CD40 CD40 AHS0117	GGTGTAAATTGGGCTAGAACGT ATATGCG GTAAGGCG	940049
4	CD184 CXCR4 AHS0060	CAGTGTTTAGAGCGGGTTGC ATATGTCG TTAGAGG	940056
5	CD49d ITGA4 AHS0063	TAGGGTGACTTAGCGATTGAT GCGTATG TTTGGGCG	940059
6	TCR- alpha_beta TRA_TRB AHS0078	TTGCGTCGGATTATTAGTTCG GGTATTAT GCGGTGC	940074
7	CD152 CTLA4 AHS0017	TAGTATCCGTAGTAGTTATCTG CCCGTTC GTTATGC	940034
8	CD95 FAS AHS0023	GGCCCGTTAGAGTTGGTATCC GTATGAA GGTTAGCT	940037
9	CD127 IL7R AHS0028	AGTTATTAGGCTCGTAGGTAT GTTTAGGT TATCGCG	940012
10	CD25:2A3 IL2RA AHS0026	AGTTGTATGGGTTAGCCGAGA GTAGTGC GTATGATT	940009
11	CD62L:DREG-56 SELL AHS0049	ATGGTAAATATGGGCGAATGC GGGTTGT GCTAAAGT	940041
12	CD3:UCHT1 CD3E AHS0231	AGCTAGGTGTTATCGGCAAGT TGACGG TGAAGTCG	940307
13	GITR TNFRSF18 AHS0104	TCTGTGTGTCGGGTTGAATCG TAGTGAGT TAGCGTG	940096
14	CD19:SJ25C1 CD19 AHS0030	TAGTAATGTGTTCGTAGCCGG TAATAAT CTTCGTGG	940004
15	CD194 CCR4 AHS0038	AATATTAGTGGGTCCTCGCGT TGGCCGG TTGTTAGT	940047
16	CD161:DX12 KLRB1 AHS0002	GTTATGGTTGTCGGTAGAGTA TCGTGTTG CGTTAGT	940070

17	LAG-3 LAG3 AHS0018	CGGCATGAATTAGGCGAGACT TAGTATA CGAGCTGG	940080
18	CD183 CXCR3 AHS0031	AAAGTGTGTCGCTTATGTGTT CGTTAGCG GTGTGGG	940030
19	CD39 ENTPD1 AHS0006	TGTTGTCTTGTACGGCTTGAG TCGGGTTA ATTCGGG	940073
20	CD45RA:HI100 PTPRC AHS0009	AAGCGATTGCGAAGGGTTAG TCAGTACG TTATGTTG	940011
21	CD7 CD7 AHS0043	GTATGTAGGTCTTATGTGTTG GCGTAGTA TGC GTTT	940029
22	CD16:3G8 FCGR3A AHS0053	TAAATCTAATCGCGGTAACAT AACGGTG GGTAAGGT	940006
23	CD27:M-T271 CD27 AHS0025	TGTCCGGTTTAGCGAATTGGG TTGAGTC ACGTAGGT	940018
24	CD197 CCR7 AHS0007	AAGGGTTGTAAGTTAGTCGAT CCGCGTA TTGTCATG	940014
25	CD154 CD40LG AHS0077	TAAGAGGTAAGTGCATTCGG GTATAGGC GTGATTG	940053
26	CD294 PTGDR2 AHS0106	TTAGAGTTCGTGAGAGGGTA GATCGCGT TTGTAGCC	940098
27	Tim3 HAVCR2 AHS0016	TAGGTAGTAGTCCCGTATATC CGATCCGT GTTGTTT	940066
28	CD5:UCHT2 CD5 AHS0047	ACGAAGCGAGCGAAGAACCT ATGCGATT GAGTAAGT	940038
29	CD14:MPHIP9 CD14 AHS0037	TGGCCCGTGGTAGCGCAATGT GAGATCG TAATAAGT	940005
30	CD8:RPA-T8 CD8A AHS0027	TGATTGGGTACGCGCTTGGCT TATATAGT CGGGTCT	940003
31	CD56:NCAM16.2 NCAM1 AHS0019	AGAGGTTGAGTCGTAATAATA ATCGGAA GGCGTTGG	940007
32	CD21:B-LY4 CR2 AHS0074	GTATTCGCGTATTGTCAGTCG GTAGGGTT ATGGTCT	940048
33	CD279:EH12-1 PDCD1 AHS0014	ATGGTAGTATCACGACGTAGT AGGGTAA TTGGCAGT	940015
34	CD45 PTPRC AHS0040	GTGCGAAATGGCGGAATGTTA TCTGCGA ATGTAGTC	940002

35	CD69 CD69 AHS0010	CAATAACGGGTCATAGTAAGT CGCGAGT AAGAGGGC	940019
36	CD28:CD28.2 CD28 AHS0024	TTGGTTTCGTAAGCGGCTAAG CGTATCTC GTGTTTG	940017
37	CD38:HIT2 CD38 AHS0022	GTCAACGATGGGTAGCGGTA GAAATAAC GGAAGTGG	940013
38	TCR-gamma delta:B1 TRD_TRG AHS0015	GATTCTTATAGTCGTTGCGTA GGTTCGTC TGTGAGT	940057
39	CD4:SK3 CD4 AHS0032	TCGGTGTTATGAGTAGGTCGT CGTGCGG TTTGATGT	940001
40	CXCR5 CXCR5 AHS0039	AGGAAGGTCGATTGTATAACG CGGCATT GTAACGGC	940042