

Supplemental Table 1: Reagent Information

| In vivo blockade antibodies | | | | | |
|-----------------------------|---------|----------|-----------|----------|------------------|
| Antibody target | Clone | Vendor | Catalog # | Lot# | Dosage/injection |
| Rat IgG2b isotype | LTF-2 | BioXcell | BE0090 | 767920D1 | 1mg in 200µl |
| Rat IgG1 isotype | TNP6A7 | BioXcell | BE0290 | 713919J3 | 500µg in 200µl |
| PD-L1 | 10F.9G2 | BioXcell | BE0101 | 720619F1 | 1mg in 200µl |
| IL-10r | 1B1.3A | BioXcell | BE0050 | 796021J1 | 500µg in 200µl |

| 0.2% FACS Buffer | | | | | |
|------------------------|--------------------------|----------------|-----------|----------|---------------|
| Reagent | Comments | Vendor | Catalog # | Lot# | Dilution used |
| 1X DPBS | (also used individually) | Corning | 21-031-CM | 07521012 | undiluted |
| BSA | | Gemini | 700-100P | C40H091 | 2g/L |
| 0.5M EDTA | | Invitrogen | 15575-038 | 2187281 | 1:500 |
| Brilliant stain buffer | (in stain cocktail only) | BD Biosciences | 566385 | 1012103 | 1:10 |

| Fc' block Reagents | | | | | |
|-------------------------|------------|-------------|-------------|-------------|---------------|
| Reagent | Clone | Vendor | Catalog # | Lot# | Dilution used |
| anti-CD16/32 | 2.4G2 | BioXcell | BP0307 | 699819A1 | 1µg/ml |
| Rat IgG isotype control | polyclonal | Invitrogen | 10700 | V1312292 | 1:200 |
| 0.2% FACS Buffer | N/A | (see above) | (see above) | (see above) | undiluted |

| Viability dyes | | | | | |
|----------------------|--------------|-------------------|--------------|----------------|---------------|
| Reagent | Comments | Vendor | Catalog # | Lot# | Dilution used |
| Ghost Dye Violet 510 | (in 1X DPBS) | Tonbo Biosciences | 13-0870-T100 | 00870111920133 | 1:200 |
| Live Dead Aqua | (in 1X DPBS) | Invitrogen | L349466 | 2268307 | 1:200 |

| Permeabilization reagents | | | | | |
|----------------------------------|-------------------------------|------------|------------|---------|---------------|
| Reagent | Comments | Vendor | Catalog # | Lot# | Dilution used |
| Fix/Permeabilization Concentrate | (Diluted in Fix/Perm Diluent) | Invitrogen | 00-5123-43 | 2308580 | 1:4 |
| Fix/Permeabilization Diluent | | Invitrogen | 00-5223-56 | 2293945 | 4:1 |
| 10x Permeabilization Buffer | (Diluted in MilliQ H2O) | Invitrogen | 00-8333-56 | 2308618 | 1:10 |

| Flow cytometry antibodies | | | | | |
|----------------------------------|--------------|-------------------------|--------------|-------------|---------------|
| Antibody target / color | Clone | Vendor | Catalog # | Lot# | Dilution used |
| B220 BUV395 | RA2-6B2 | BD Biosciences | 563793 | 6320735 | 1:200 |
| B220 BUV496 | RA2-6B2 | BD Biosciences | 564662 | 8192953 | 1:200 |
| BCL-2 AF647 | BCL/10C4 | Biologend | 633510 | B298462 | 1:200 |
| BIM (purified rabbit) | K.912.7 | Invitrogen | MA5-14848 | WB3204563 | 1:200 |
| CD3 FITC | 145-2C11 | BD Biosciences | 553062 | 7100982 | 1:200 |
| CD3 BV750 | 17A2 | Biologend | 100249 | B291930 | 1:200 |
| CD3 BV785 | 17A2 | Biologend | 100231 | B306607 | 1:200 |
| CD3 PerCP Cy5.5 | 145-2C11 | Invitrogen | 45-0031-82 | 2074540 | 1:200 |
| CD4 APC | GK1.5 | Invitrogen | 17-0041-83 | E07038-1635 | 1:200 |
| CD4 BV570 | RM4-5 | Biologend | 100541 | B252474 | 1:200 |
| CD4 BUV563 | GK1.5 | BD Biosciences | 612923 | 1088523 | 1:200 |
| CD4 BUV615 | GK1.5 | BD Biosciences | 613008 | 0017996 | 1:200 |
| CD8a BUV563 | 53-6.7 | BD Biosciences | 748535 | 1055898 | 1:200 |
| CD8a BUV615 | 53-6.7 | BD Biosciences | 613004 | 1190584 | 1:200 |
| CD11a BUV805 | 2D7 | BD Biosciences | 741919 | 1955894 | 1:200 |
| CD11b BV605 | M1/70 | Biologend | 101257 | B272197 | 1:400 |
| CD11b APC Fire | M1/70 | Biologend | 101262 | B262767 | 1:400 |
| CD11c APC Fire | N418 | Biologend | 117352 | B250822 | 1:200 |
| CD11c BV421 | N418 | Biologend | 117330 | B164949 | 1:200 |
| CD19 BUV661 | 1D3 | BD Biosciences | 612971 | 9298180 | 1:200 |
| CD25 BV785 | PC61 | Biologend | 102051 | B293251 | 1:200 |
| CD25 APC e780 | PC61 | Invitrogen | 47-0251-82 | 1942453 | 1:200 |
| CD27 BV650 | LG.3A10 | Biologend | 124233 | B281805 | 1:200 |
| CD43 PE | S7 | BD Biosciences | 553271 | 75164 | 1:200 |
| CD44 BV570 | 1M7 | Biologend | 103037 | B313873 | 1:100 |
| CD45 BUV805 | 30-F11 | BD Biosciences | 748370 | 9228924 | 1:400 |
| CD64 PE Cy7 | X54-5/7.1 | Biologend | 139314 | B308662 | 1:200 |
| CD69 BUV737 | H1.2F3 | BD Biosciences | 612793 | 0295799 | 1:200 |
| CD73 BV605 | TY/11.8 | Biologend | 127215 | B330679 | 1:200 |
| CD80 BUV737 | 16-10A1 | BD Biosciences | 564670 | 9002773 | 1:200 |
| CD86 PE Cy5 | GL-1 | Biologend | 105015 | B288821 | 1:200 |
| CTLA-4 APC-R700 | UC10-4F10-11 | BD Biosciences | 565778 | 0325573 | 1:300 |
| CXCR3 BV650 | CXCR3-173 | Biologend | 126531 | B298857 | 1:150 |
| c-Myc Dylight488 | 9E10 | Invitrogen | MA1-980-D488 | PF203294 | 1:200 |
| Foxp3 BV421 | MF-23 | BD Biosciences | 562996 | 9262419 | 1:100 |
| Foxp3 FITC | FJK-16s | Invitrogen | 11-5773-82 | E00644-1630 | 1:200 |
| Foxp3 PE | FJK-16s | Invitrogen | 12-5773-82 | E033867 | 1:200 |
| Foxp3 PE Cy5.5 | FJK-16s | Invitrogen | 35-5773-82 | 2160553 | 1:200 |
| Goat anti-Rabbit IgG (H+L) AF350 | polyclonal | Invitrogen | A11046 | 2105691 | 1:400 |
| Granzyme B PE | QA16A02 | Biologend | 372208 | B272321 | 1:100 |
| GITR PerCP Cy5.5 | DTA-1 | Biologend | 126315 | B270668 | 1:200 |
| Helios PE e610 | 22F6 | Invitrogen | 61-9883-42 | 1998273 | 1:200 |
| Helios PE Dazzle | 22F6 | Biologend | 137235 | B276459 | 1:200 |
| Ki67 BV480 | B56 | BD Biosciences | 566172 | 0241342 | 1:600 |
| KLRG1 BUV395 | 2F1 | BD Biosciences | 740279 | 9291095 | 1:200 |
| ICOS APC Fire | C398.4A | Biologend | 313536 | B272285 | 1:200 |
| IFNγ BUV737 | XMG1.2 | BD Biosciences | 612769 | 9205652 | 1:200 |
| IFNγ FITC | XMG1.2 | Invitrogen | 11-7311-82 | 4332573 | 1:200 |
| IL-2 PE Cy7 | JES6-5H4 | Invitrogen | 25-7021-80 | 1998292 | 1:200 |
| IL-10 BV421 | JES5-16E3 | Biologend | 505021 | B303590 | 1:100 |
| IL-12 p40/p70 V450 | C15.6 | BD Biosciences | 561456 | 6294793 | 1:100 |
| Ly6C BV570 | HK1.4 | Biologend | 128030 | B269771 | 1:400 |
| Ly6C BV785 | HK1.4 | Biologend | 128041 | B258005 | 1:400 |
| Ly6G BUV563 | 1A8 | BD Biosciences | 612921 | 8297921 | 1:400 |
| MHC-II (IA-IE) AF700 | M5/114.15.2 | Biologend | 107622 | B264454 | 1:400 |
| MHC-II (IA-IE) BV711 | M5/114.15.2 | Biologend | 107643 | B267735 | 1:400 |
| Mouse anti-Rat IgG2b FITC | RG7/11.1 | BD Biosciences | 553900 | 7299915 | 1:200 |
| NK1.1 BV570 | PK136 | Biologend | 108733 | B247579 | 1:200 |
| NK1.1 FITC | PK136 | Invitrogen | 11-5941-85 | E00743.1631 | 1:200 |
| NK1.1 PerCP Cy5.5 | PK136 | Biologend | 108728 | B241349 | 1:200 |
| Normal Goat Serum | polyclonal | Jackson Immuno Research | 005-000-121 | i57225 | 1:200 |
| Nur77 PE Cy7 | 12.14 | Invitrogen | 25-5965-82 | 2132359 | 1:150 |
| PD-1 BV421 | 29F.1A12 | Biologend | 135218 | B302704 | 1:200 |