Expanded Natural T Regulatory (nTregs) Cells
Catalog Number: 1056
Lot Number: 4457SE19

Certificate of Analysis

Cell count	>2 million per vial
Viability	95%
CD4+	100.0%
CD4+CD25+	82.2%
CD25+CD127-	78.5%
Sterility Testing	Negative for bacteria, fungi and mycoplasma

Donor Information

Donor ID	345
Sex	Male
Age	40
Race	Caucasian
Height	6'1"
Weight	250 lbs
ABO Type	O Positive

HLA typing

	Allele 1	Allele 2
HLA-A	31	32
HLA-B	07	40
HLA-C	03	07
HLA-DRB1	04	15

Donors are tested for the blood borne pathogens HIV-1 and 2, Hepatitis B, Hepatitis C and HTLV-1 and are negative. Cells should still be handled as if potentially infectious following biosafety level 2 procedures

833-CELLERO - www.cellero.com - info@cellero.com

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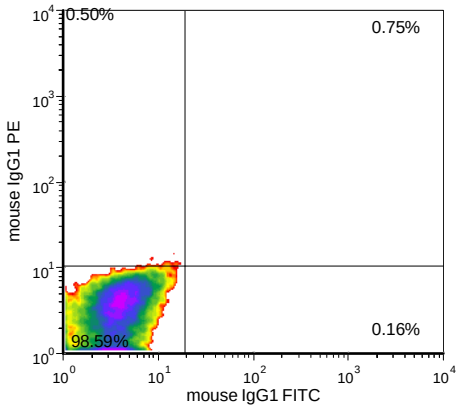
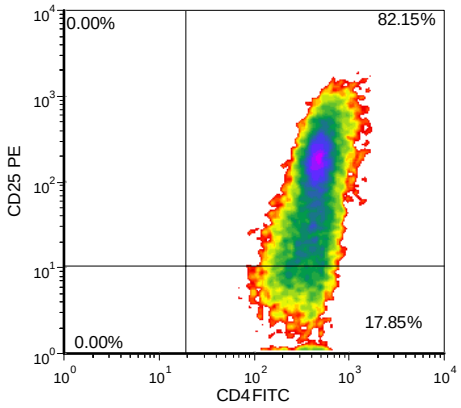
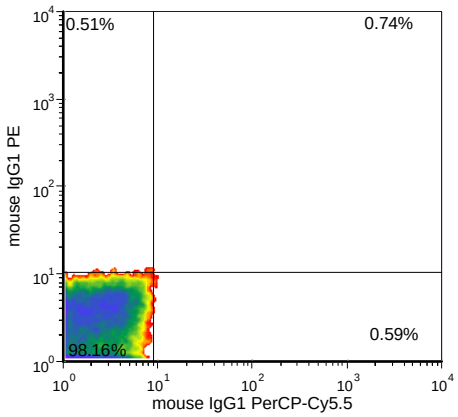
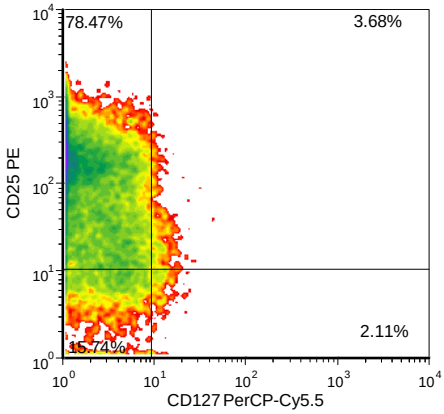
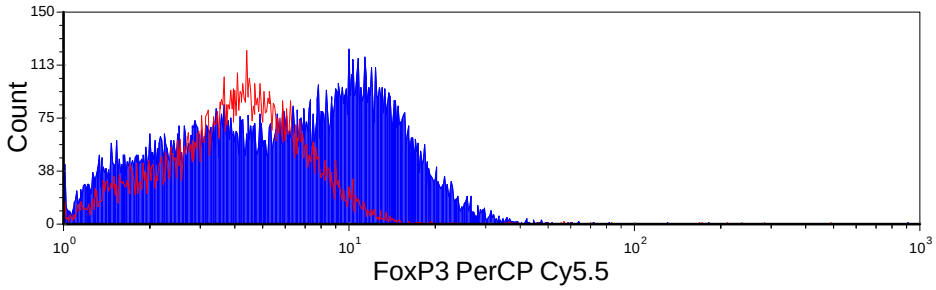


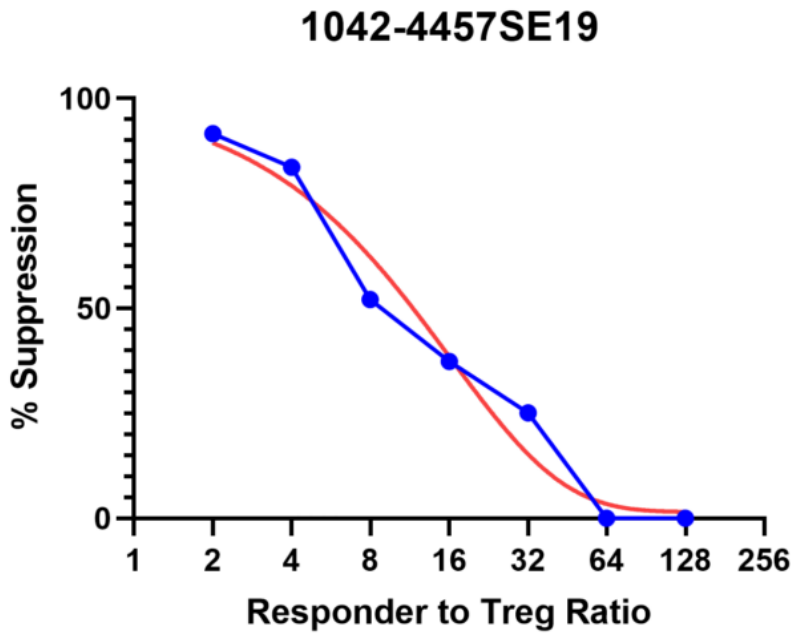








Red histogram designates intracellular staining with isotype control (mouse IgG PerCP Cy5.5). Filled blue histogram designates intracellular staining with anti-FoxP3 PerCP Cy5.5 antibody.



Co-Culture of Tregs Resulted in Suppression of Anti- CD3-mediated CD8+ T Cell Proliferation of Allogeneic Peripheral Blood Mononuclear Cells (PBMCs). In short, in a 96 well plate, 250,000 CFSE-labelled allogeneic responder PBMC were plated/well in the presence of 0.2 µg/mL anti-CD3 and varying number of Tregs as shown in the chart above. The plate was incubated in a 37 deg C, 6% CO2 incubator. After 5 days of culture, individual wells were harvested and labelled with PE-labelled anti-CD8 mAb. Data was acquired on a flow cytometer and the extent of proliferation (Division Index, DI) was analyzed using FCS Express 4.0. % Suppression = 100- (DI in the presence of Treg/DI in the absence of Treg) x 100.