

Materials List for:

Phenotypic and Functional Analysis of Activated Regulatory T Cells Isolated from Chronic Lymphocytic Choriomeningitis Virus-infected Mice

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URL: <https://www.jove.com/video/54138>

DOI: [doi:10.3791/54138](https://doi.org/10.3791/54138)

Materials

Name	Company	Catalog Number	Comments
FITC Rat Anti-Mouse CD4	RM4-5	BD Biosciences	553047
Cytofix/Cytoperm		BD Biosciences	554714
U-Bottom Tissue Culture Plates		BD Biosciences	353077
Fixation buffer		BD Biosciences	554655
FITC Rat Anti-Mouse CD25	7D4	BD Biosciences	553072
Cell strainer, 70 mm		BD Biosciences	352350
Cell strainer, 40 mm		BD Biosciences	352340
Brilliant Violet 421 Anti-mouse CD279 (PD-1)	29F.1A12	BioLegend	135217
Brilliant Violet 605 Anti-Mouse CD4	RM4-5	Biolegend	100547
APC Anti-Mouse/Rat Foxp3	FJK-16s	eBioscience	17-5773
Foxp3/Transcription Factor Staining Buffer Set		eBioscience	00-5223
PerCP-Cyanine5.5 Anti-Mouse CD8a	53-6.7	eBioscience	45-0081
Mouse IFN-gamma Platinum ELISA		eBioscience	BMS606
RPMI 1640		GE Life Sciences	SH30027
PBS (1x)		GE Life Sciences	SH30256
ACK Lysing Buffer		Gibco	A10492-01
L-Glutamine, 200 mM solution		Gibco	25030
Penicillin-Streptomycin, 10,000 U/ml		Gibco	10378-016
LIVE/DEAD Fixable Near-IR Dead Cell Stain Kit		Life technologies	L-34975
CD8a ⁺ T Cell Isolation Kit, mouse		Miltenyibiotec	130-104-075
CD4 ⁺ CD25 ⁺ Regulatory T Cell Isolation Kit, mouse		Miltenyibiotec	130-091-041
MACS Separation Columns, LD columns		Miltenyibiotec	130-042-901
MACS Separation Columns, LS columns		Miltenyibiotec	130-042-401
EDTA, 0.5 M (pH 8.0)		Promega	V4231
2-Mercaptoethanol		Sigma Life Science	M7522
Fetal Bovine Serum		Thermo Fisher Scientific	SH30919.03
CellTrace Violet Cell Proliferation Kit		Thermo Fisher Scientific	C34557

BD Canto II flowcytometer		BD Biosciences	
Flowjo		TreeStar	
Hematocytomer		Marienfeld superior	