

Materials List for:

***In Situ* MHC-tetramer Staining and Quantitative Analysis to Determine the Location, Abundance, and Phenotype of Antigen-specific CD8 T Cells in Tissues**

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Materials

Name	Company	Catalog Number	Comments
MHC-I monomer	NIH tetramer core facility		Materials for MHC-tetramer preparation
ExtrAvidin-FITC	Sigma-Aldrich	E2716	Materials for MHC-tetramer preparation
Normal goat serum	Jackson ImmunoResearch	005-000-121	
Low melt agarose	Promega	V3121	
Heparin	Sigma-Aldrich	SLBL6391V	
Triton X-100	Sigma-Aldrich	T-6878	
Urea	J.T.Baker	4204-05	
Glycerol gelatin	Sigma-Aldrich	SLBH2672V	
n-propyl gallate	Sigma-Aldrich	P3130	
rat-a-h-CD8 (1:500)	Acris	0714	Antibody unstable, use single use frozen aliquot
m-a-h-CD20 (1:500)	NOVOCASTRA	6026819	
m-a-h-Ki67 (1:500)	Vector	6022201	
goat-a-m-A488 (1:2,000)	Jackson ImmunoResearch	124083	
goat-a-rb-Cy3 (1:5,000)	Jackson ImmunoResearch	106232	
goat-a-rat-Cy5 (1:5,000)	Jackson ImmunoResearch	118088	
goat-a-h-IgM-Dylight649 (1:5,000)	Jackson ImmunoResearch	86579	
Compresstome: VF-300 Microtome	Precisionary Instruments, LLC	1079	
Quick Set Instant Adhesive	Loctite	46551	
24-well flat bottomed tissue culture plates	Falcon	353226	
Microscope slide	Globe scientific Inc.	#1321	
Razor blade	Ted Pella, Inc	121-6	
Feather Disposable Scalpel	FEATHER SAFETY RAZOR CO. LTD.	No. 21	
Round paintbrush #2	PRINCETON ART & BRUSH CO.	4350R	Can trim as needed with razor
Confocal Microscope	Olympus	FV1000	
FV10-ASW_Viewer4.0	Olympus		