

Materials List for:

# Isolating And Immunostaining Lymphocytes and Dendritic Cells from Murine Peyer's Patches

Magdia De Jesus<sup>1</sup>, Sarita Ahlawat<sup>1</sup>, Nicholas J. Mantis<sup>1</sup>

<sup>1</sup>Division of Infectious Diseases, New York State Department of Health

Correspondence to: Nicholas J. Mantis at [nmantis@wadsworth.org](mailto:nmantis@wadsworth.org)

URL: <https://www.jove.com/video/50167>

DOI: [doi:10.3791/50167](https://doi.org/10.3791/50167)

## Materials

Name	Company	Catalog Number	Comments
OCT Compound	Tissue-Tek	4583	
7x7x5 mm Base Molds	Fisherbrand	22-363-552	
ImmEdge Pen	Vector Labs	H-4000	
Superfrost Plus Slides	Thermo Scientific	4951	
Edge Rite Blade	Thermo Scientific	4280L	
Anti-Mouse CD11c-PE	eBioscience	17-0114-82	
Anti-Mouse CD45R/B220-APC	BD Pharmigen	553092	
Anti-Mouse CD3-FITC	BD Pharmigen	561798	
Anti-Mouse CD4-PE	BD Pharmigen	553652	
Anti- Mouse CD8-PE	BD Pharmigen	553032	
Anti-Mouse CD19-PercP	BioLegend	115531	
Hank's balanced salt solution (HBSS) without phenol red	Fisher Scientific	14175-079	
70 µm cell strainer	BD Falcon	352350	
Spleen Dissociation Medium	Stem Cell Technologies	7915	
Goat serum	Invitrogen	16210-072	
Fc Block	ATCC 2.4.G2	HB-197	Supes obtained from cell line 2.4.G2
Curved Scissor	F.S.T	14061-09	
Cryostat	Leica	3050S	
FACS Calibur	BD		
Countess Cell Counter	Invitrogen		
Hematoxylin	Richard Allan	7211	
Eosin	Richard Allan	71304	
Formalin	Starplex Scientific	3661	

**Table 1.** Reagents and equipment used in this study.