

Materials List for:

# Intracellular Staining and Flow Cytometry to Identify Lymphocyte Subsets within Murine Aorta, Kidney and Lymph Nodes in a Model of Hypertension

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URL: <https://www.jove.com/video/55266>

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## Materials

Name	Company	Catalog Number	Comments
Collagenase D	ROCHE	11088882001	
Collagenase A	ROCHE	10103586001	
Collagenase B	ROCHE	11088815001	
Dnase	ROCHE	10104159001	
1x Red blood cell lysis buffer	eBioscience	00-4333-57	
RPMI Medium 1614 1x	Gibco	11835-030	
DPBS without calcium and magnesium	Gibco	14190-144	
Percoll	GE Healthcare	17-5445-02	For density gradient centrifugation
GentleMACS™ C tube	Miltenyi Biotec	130-096-334	
GentleMACS dissociator device	Miltenyi Biotec	130-093-235	Use the program SPLEEN_04
Cell activation cocktail (with Brefeldin A)	Biolegend	423303	
anti-CD16/32	eBioscience	14-0161-81	dilute 1:100
LIVE/DEAD fixable violet dead cell stain kit	Life Technologies	L34955	
Transcription factor buffer set	BD Pharmingen	562725	
OneComp eBeads	eBioscience	01-1111-42	
123 count eBeads	eBioscience	01-1234-42	
CD45 AmCyan (clone 30-F11)	BioLegend	103138	
CD3 PerCP-Cy5.5 (clone 17A2)	BioLegend	100218	
IL-17A FITC (clone TC11-18H10.1)	BioLegend	506910	
IL-17F APC (clone 9D3.1C8)	BioLegend	517004	
CD4 APC-Cy7 (clone GK1.5)	BD Biosciences	560181	
CD8 APC (clone 53-67)	eBioscience	17-0081-82	
T-bet PE-Cy7 (clone 4B10)	BioLegend	644823	
IFNγ FITC (clone XMG1.2)	BD Biosciences	557724	