

Materials List for:

# In vitro Differentiation Model of Human Normal Memory B Cells to Long-lived Plasma Cells

Michel Jourdan<sup>1</sup>, Hugues de Boussac<sup>1</sup>, Elena Viziteu<sup>1</sup>, Alboukadel Kassambara<sup>1</sup>, Jérôme Moreaux<sup>1,2,3</sup>

<sup>1</sup>IGH, CNRS, Univ Montpellier

<sup>2</sup>Laboratory for Monitoring Innovative Therapies, Department of Biological Hematology, CHU Montpellier

<sup>3</sup>UFR de Médecine, Univ Montpellier

Correspondence to: Jérôme Moreaux at [jerome.moreaux@igh.cnrs.fr](mailto:jerome.moreaux@igh.cnrs.fr)

URL: <https://www.jove.com/video/58929>

DOI: [doi:10.3791/58929](https://doi.org/10.3791/58929)

## Materials

Name	Company	Catalog Number	Comments
anti-CD2 magnetic beads	Invitrogen	11159D	
Anti-CD138-APC	Beckman-Coulter	B49219	
Anti-CD19-APC	BD	555415	
Anti-CD20-PB	Beckman-Coulter	B49208	
Anti-CD27-PE	BD	555441	
Anti-CD38-PE	Beckman-Coulter	A07779	
Anti-histidine	R&D Systems	MAB050	
CpG ODN(PT)	Sigma		T*C*G*T*C*G*T*T*T*G*T*C* G*T*T*T*G*T*C*G*T*T
human Transferin	Sigma-Aldrich	T3309	
IFN-α	Merck	Intron A	
IMDM	Gibco	31980-022	
Recombinan Human CD40L-hi	R&D Systems	2706-CL	
Recombinant Human APRIL	R&D Systems	5860-AP-010	
Recombinant Human IL-10	R&D Systems	217-IL-	
Recombinant Human IL-15	Peprtech	200-15-10ug	
Recombinant Human IL-2 Protein	R&D Systems	202-IL-	
Recombinant Human IL-6	Peprtech	200-06	