

Materials List for:

Tumor Engraftment in a Xenograft Mouse Model of Human Mantle Cell Lymphoma

Archana Vijaya Kumar^{1,2}, Carmen Donate², Beat A. Imhof¹, Thomas Matthes²

¹Department of Pathology and Immunology, University of Geneva

²Hematology Service, University Hospital, Geneva

Correspondence to: Thomas Matthes at thomas.matthes@hcuge.ch

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Materials

Name	Company	Catalog Number	Comments
Ficoll-paque media	GE Healthcare	17-1440-02	for separation of mononuclear cells
RPMI Medium 1640	Gibco-Life technologies	61870-010	for dilution of blood sample
Phosphate Buffered Saline (PBS)	Sigma-Aldrich	D8537	washing of cells
Bovine Serum Albumin (BSA)	Sigma-Aldrich	A8412	for preparation of PBS with 1% BSA used in washing cells during isolation
CD19-APC700	Beckman Coulter	B49212	human pan-B cell marker
CD20-APC	Beckman Coulter	A21693	human pan-B cell marker
CD20-ECD	Beckman Coulter	IM3607	human pan-B cell marker
CD5-PC 5.5	Beckman Coulter	PN A70203	human T cell marker
CD23-PE	Pharmingen	555711	Cell surface protein typically absent in MCL
CD45 KO	Beckman Coulter	B36294	Pan-leucocyte marker
CD200-PE	Pharmingen	552475	Cell surface protein typically absent in MCL
NOD scid gamma (NSG) mice	Charles River Laboratories	5557	used to develop MCL xenografts in this study
Easy sep Human B cell enrichment kit	Stem cell technologies	19054	used to enrich B cells to obtain pure cells for injecting into mice
FACS	Beckman Coulter	Navios	used to characterize MCL sample and to study the organs for MCL engraftment
1X ammonium chloride potassium buffer			red blood lysis buffer (NH ₄ Cl 8,024 mg/l; KHCO ₃ 1,001 mg/l; EDTA.Na ₂ ·2H ₂ O 3.722 mg/l)