

Materials List for:

Retroviral Overexpression of CXCR4 on Murine B-1a Cells and Adoptive Transfer for Targeted B-1a Cell Migration to the Bone Marrow and IgM Production

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Materials

Name	Company	Catalog Number	Comments
70 micron filter caps	Falcon	352235	
anti-biotin microbeads	Miltenyi Biotec	130-090-485	
anti-CD16/CD32, or Fc block	Life Technologies	MFCR00	
B220 APC	eBioscience	17-0452-83	Clone: RA3-6B2
Beta-mercaptoethanol	Gibco	21985-023	
CD19 APCef780	eBioscience	47-0193-82	Clone: eBio1D3
CD23 biotin	eBioscience	13-0232-81	Clone: B3B4
CD23 PECy7	eBioscience	25-0232-82	Clone: B3B4
CD3e biotin	eBioscience	13-0033-85	Clone: eBio500A2
CD45.1 ApoE ^{-/-} mice	N/A	N/A	Bred in house
CD45.1 PerCP-Cy5.5	BD Biosciences	560580	Clone: A20
CD45.2 BV421	BD Biosciences	562895	Clone: 104
CD45.2 Rag1 ^{-/-} ApoE ^{-/-} mice	N/A	N/A	Bred in house
CD5 PE	eBioscience	12-0051-83	Clone: 53-7.3
Ctl-GFP retrovirus	N/A	N/A	Generated in house using GFP-expressing retroviral plasmid MigR1 provided by Dr. T.P. Bender
CXCR4 APC	eBioscience	17-9991-82	Clone: 2B11
CXCR4-GFP retrovirus	N/A	N/A	Generated in house by cloning mouse CXCR4 into MigR1 retroviral plasmid
F4/80 biotin	Life Technologies	MF48015	Clone: BM8
Flowjo Software v. 9.9.6	Treestar Inc.	License required	
Gentamicin	Gibco	15710-064	
Gr-1 biotin	eBioscience	13-5931-82	Clone: RB6-8C5
heat-inactivated fetal bovine serum	Gibco	16000-044	
HEPES	Gibco	15630-080	
IgM PECF594	BD Biosciences	562565	Clone: R6-60.2
Insulin syringes	BD Biosciences	329461	
Isoflurane	Henry Schein Animal Health	029405	
Live/Dead Yellow	Life Technologies	L34968	
LS columns	Miltenyi Biotec	130-042-401	

NK1.1 biotin	BD Biosciences	553163	Clone: PK136
Non-essential amino acids	Gibco	11140-050	
ODN 1668	InvivoGen	tirl-1668	
PBS	Gibco	14190-144	
RPMI-1640	Gibco	11875-093	
Sodium pyruvate	Gibco	11360-070	
Ter119 biotin	eBioscience	13-5921-82	Clone: Ter119