

Pathway	Proteins	Catalogue number	Vendor
Glycolysis	PKM2	15822-1-AP	Proteintech
Serine/Glycine Biosynthesis	PHGDH	PA5-80896	Thermo Fisher
	PSAT1	PA5-121028	Thermo Fisher
	SHMT1	30192-1-AP	Proteintech
	SHMT2	11099-1-AP	Proteintech
METHYL	MTHFS	PA5-118092	Thermo Fisher
	MTHFR	PA5-140282	Thermo Fisher
	MAT2A	55309-1-AP	Proteintech
	MAT2B	15952-1-AP	Proteintech
RNA Methylation	METTL3	15073-1-AP	Proteintech
	METTL14	26158-1-AP	Proteintech
	METTL16	19924-1-AP	Proteintech
	FTO	27226-1-AP	Proteintech
	m ⁶ A	MABE-1006	Sigma Aldrich
Histone Methylation	Histone H3	D1H2 mAb 4499	Thermo Fisher
	H3K4ME3	MA511199	Thermo Fisher
	H3K4me1	710795	Thermo Fisher
Regulatory	IGF2BP3	14642-1-AP	Proteintech
	ACTIN	A5441	Sigma Aldrich
	VINCULIN	sc-73614	Santa Cruz
	Puromycin	MABE343, clone12D1	Sigma Aldrich

Antibody	Catalogue	Vendor
APC anti-mouse CD3ε Antibody	100311	Biolegend
APC/Cyanine7 anti-mouse CD117 (c-kit) Antibody	105826	Biolegend
PE/Cyanine7 anti-mouse/human CD11b Antibody	101215	Biolegend
PerCP/Cyanine5.5 anti-mouse Ly-6A/E (Sca-1) Antibody	108124	Biolegend
BD Horizon™ BV786 Mouse Anti-Mouse CD45.2	563686	BD Biosciences
Biotin anti-mouse CD4 Antibody 500 ug	100404	Biolegend
Biotin anti-mouse TCR γ/δ Antibody 50 ug	118103	Biolegend
Biotin anti-mouse/human CD11b Antibody	101203	Biolegend
IgM Monoclonal Antibody (II/41), Biotin, eBioscience™, Invitrogen™	13-579-082	Fisher
Biotin anti-human CD45 Antibody	368534	Biolegend
PE/Cyanine7 anti-human CD19 Antibody	302215	Biolegend
PerCP/Cyanine5.5 anti-human CD34 Antibody	343521	Biolegend
Biotin anti-mouse/human CD45R/B220 Antibody, 500 ug	103204	Biolegend
Biotin anti-mouse Ly-6G/Ly-6C (Gr-1) Antibody, 500ug	108404	Biolegend
Biotin anti-mouse NK-1.1 Antibody, 500 ug	108704	Biolegend
Biotin anti-mouse TER-119/Erythroid Cells Antibody, 500ug	116204	Biolegend
Biotin anti-mouse TCR β chain Antibody, 500ug	109204	Biolegend
Biotin anti-mouse CD8a Antibody, 500ug	100704	Biolegend
PE/Cyanine7 anti-mouse CD16/32 Antibody, 100ug	101318	Biolegend
eBioscience™ Streptavidin eFluor™ 450 Conjugate	48-4317-82	LifeTech
CD34 Monoclonal Antibody (RAM34), Alexa Fluor 700, eBioscience™, 100ug	56-0341-82	LifeTech
BD Horizon™ BV605 Mouse Anti-Mouse CD45.2	563051	BD Biosciences