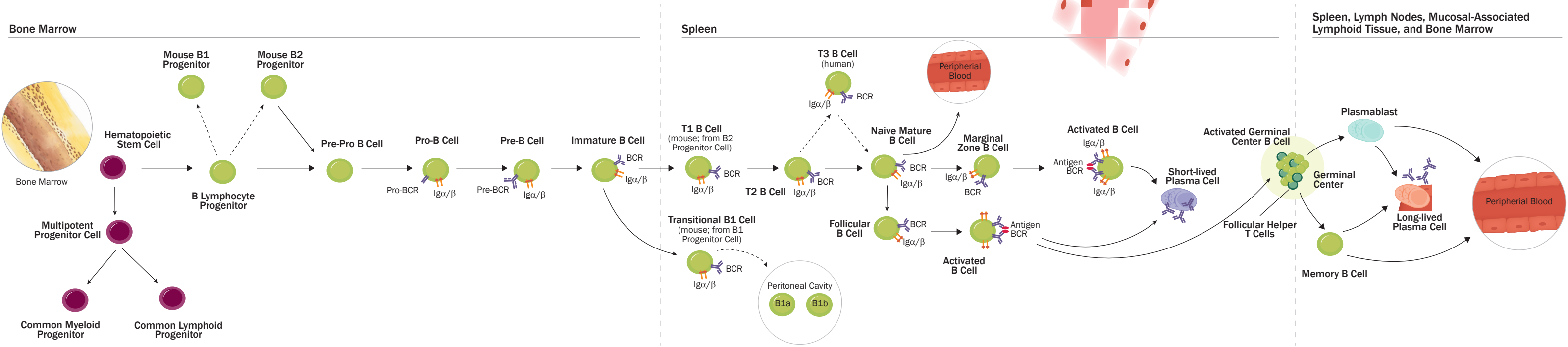




Stages of Development	Common Lymphoid Progenitor	B Lymphocyte Progenitor	Mouse B1 Progenitor	Mouse B2 Progenitor	Pre-Pro B Cell	Pro-B Cell	Pre-B Cell	Immature B Cell	B1a Cell (from mouse B1 progenitor cell)	B1b Cell	Transitional B Cell	Mouse T1 B Cell (from mouse B2 progenitor cell)	Mouse T2 B Cell	Marginal Zone B Cell	Follicular B Cell	Activated Germinal Center B Cell	Memory B Cell	Plasmablast	Plasma Cell
Human Markers																			
Positive markers	CD10/Nephrilysin	CD10/Nephrilysin			CD10/Nephrilysin	CD10/Nephrilysin	CD10/Nephrilysin	CD10/Nephrilysin											
	CD34	CD34			CD34	CD19	CD19	CD19											
Negative markers	Pax5	Pax5			CD38	CD20/MS4A1	CD20/MS4A1	CD20/MS4A1											
					Pax5	CD24	CD24	CD21											
Mouse Markers																			
Positive markers	IL-7 Rα	Ly6D	CD19	B220/CD45 R	B220/CD45 R	B220/CD45 R	B220/CD45 R	B220/CD45 R	CD1d ^{mid}	CD1d ^{mid}		B220/CD45 R	B220/CD45 R	B220/CD45 R	B220/CD45 R	B220/CD45 R	B220/CD45 R	CD19	BLIMP1
	Flt-3/Flk-2	IL-7 Rα	C1q R1/CD93		CD43	CD19	CD19	CD19	CD5	CD19 ^{high}		CD19	CD19	CD1d	CD1d ^{mid}	CD19	CD19	CD27 ^{high}	CD27 ^{high}
Negative markers	Lin (CD3, CD4, CD8, Gr-1/Ly-6G, Integrin αM/CD11b, TER-119)	Lin (CD3, CD4, CD8, Gr-1/Ly-6G, Integrin αM/CD11b, TER-119)	Lin (CD3, CD4, CD8, Gr-1/Ly-6G, Integrin αM/CD11b, TER-119)	Lin (CD3, CD4, CD8, Gr-1/Ly-6G, Integrin αM/CD11b, TER-119)	Lin (CD3, Gr-1/Ly-6G, Integrin αM/CD11b, TER-119)	Lin (CD3, Gr-1/Ly-6G, Integrin αM/CD11b, TER-119)	Lin (CD3, Gr-1/Ly-6G, Integrin αM/CD11b, TER-119)	CD23/Fcε RII	CD23/Fcε RII	CD5		CD43	CD43	CD23/Fcε RII	CD21 ^{low}	CD43	CD43	B220/CD45 R ^{low}	B220/CD45 R ^{low}
	CD117/c-kit	CD117/c-kit	B220/CD45 R ^{low}	CD19	CD19	CD24	CD24	CD24	CD19 ^{high}	CD43		CD43	CD43	CD23/Fcε RII	CD21 ^{low}	CD43	CD43	CD43	CD43