

**Table 1** Summary of kinetic experiments on B cell life span in mice

Method	Mouse	Age (weeks)	Results*	Peripheral B cell life span	Reference
Hydroxyurea	BALB/c, C3H/Tif or C57BL/B6	8-12	50% in 3-5d		7
[ <sup>3</sup> H]-thymidine loading	Nude	8	35% in 2w	~ 6w	12
[ <sup>3</sup> H]-thymidine loading	CBA, adult thymectomy, marrow reconstitution	8	30% in 2w	5-7w	13
[ <sup>3</sup> H]-thymidine pulse-chase	CBA	8	80% in 6w	~ 7w	
	BALB/c, adult thymectomy, reconstitution with T-depleted marrow	6		~ 4w	14
[ <sup>3</sup> H]-thymidine loading	Nude	NS	10-15% in 5d	6-8w	
[ <sup>3</sup> H]-thymidine pulse-chase	Nude	NS		4-5w	
Transfer of LPS-responsive B cells	C57BL/10	8-20	50% in 1d	2d	15
Transfer of LPS-responsive B cells	C57BL/10	8-16		18-24h (80-90%) 10-20d (10-20%)	17
Transfer of normal B cells in <i>xid</i> mice	CBA and CBA × DBA	8-16		4d (30-40%) 3-4w (60-70%)	18
<sup>89</sup> Strontium	(C57BL/Rij × CBA/Rij)F <sub>1</sub>	10-12	60% in 3d		19
Ganciclovir in tk-transgenic mice	CB6F1/J	NS	95% in 7d	~ 7-8d	20
BrdU	BALB/c and CB.20	8-20	15-20% in 8d	6w	8
BrdU	BALB/c and CB.20	8-16	~ 40% in 4w	Weeks to months (uptake non-linear)	22
BrdU	B6 and BALB/c	8-12	30-40% in 3d	1w	23

\*Percentage labelled (DNA-based experiments) or lost (ablative experiments). h, hours; d, days; w, weeks; NS, not stated.

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