

# Mouse Leukocyte Alloantigens Chart

MOUSE STRAINS	MHC haplotype					Igh-C haplotype										CD5 (Ly-1)			CD8a (Ly-2)		CD8b (Ly-3)
	H-2K	I-A <sup>b</sup>	I-E <sup>b</sup>	H-2D	H-2L	Qa-2	Qa-1	Igh-6 (IgM)	Igh-5 (IgD)	Igh-4 (IgG1)	Igh-3 (IgG2b)	Igh-1 (IgG2a)	Igh-7 (IgE)	Igh-2 (IgA)							
101/-	k	k	k	k	-							b									
129/-	b	b	-	b	-	a (+)		a	a			a	a		2	2	2				
A/J	a	k	k	k	d	d	a (lo)	a	e	e	e	a	e	e	a	d	2	2	2		
A2G	a	k	k	k	d	d											2	2	2		
AKR/J	k	k	k	k	k	-	b (-)	b	d	n	a	d	d	d	a	d	2	1	1		
AL/N	a	k	k	k	d	d	a (lo)		o	e	e	a	d	d		d/e					
AU/SSj	q	q	q	q	-	q	q														
BALB/cAnN	d	d	d	d	d	d	b (-)	a	a	a	a	a	a				2	2	2		
BALB/cJ	d	d	d	d	d	d	a (lo)	b	a	a	a	a	a	a	a	a	2	2	2		
BDP/J	p	p	p	p	p	-	b (-)		h	a	a	a	a	h			2	1	2		
BUB/BnJ	q	q	q	q	-	q	q					a					2	2			
BXSB/Mp	b	b	b	b	-	b	-										2	2	2		
C.B-17	d	d	d	d	d	d	a (lo)	b	b	b	b	b	b	b	b	b	2	2	2		
C3H/Bi	k	k	k	k	k	-	b (-)			a			j				1	1			
C3H/He	k	k	k	k	k	-	b (-)	b	j	a	a	a	a	j	a		1	1	2		
C57BL/-	b	b	b	b	-	b	-	a (hi)	b	b	b	b	b	b	b	b	2	2	2		
C57BR/cd	k	k	k	k	k	-	b (-)	a				a					3	2	2		
C57L/-	b	b	b	b	-	b	-	a (+)	b			a					3	2	2		
C58/-	k	k	k	k	k	-	b (-)		a	a	a	a	a	a			2	1	1		
CBA/Ca	k	k	k	k	k	-	b (-)		j	a	a	a	a	j	a	a					
CBA/J	k	k	k	k	k	-	b (-)	b	j	a	a	a	a	j	a	a	1	1	2		
CBA/N	k	k	k	k	k	-	b (-)		j	a	a	a	a	j	a	a	1	1	2		
CE/-	k	k	k	k	k	-	b (-)		f	a	a	a	f	f	f	f	2	1	2		
DA/HuSn	qp1	q	q	q	-	s						g					2	2	2		
DBA/1	q	q	q	q	-	q	q	a (lo)		c	a	a	a	a	c		1	1	2		
DBA/2	d	d	d	d	d	d	d	a (lo)	b	c	a	a	a	a	c		c	1	1	2	
FVB/N	q	q	q	q	-	q	q			a	a						2	2	2		
GRS/J	dx	d	f	f	-	w3											2	1	2		
HRS/J	k	k	k	k	k	k	-														
I/-	j	j	j	j	j	b	-						c				2	1	2		
LP/J	b	b	b	b	-	b	-		b	b	b	b	b	b	b		2	2	2		
MA/J	k	k	k	k	k	k	-	b (-)				a					1	1			
MRU/Mp	k	k	k	k	k	k	-										2	1	1		
NOD	g7	d	d	g7	-	b		a		b	b		b				not 1				
NZB/-	d	d	d	d	d	d	-	a (+)	a	n	n	a	d	e	e	d	2	2	2		
NZW/-	z	u	u	u	u	z		b (-)		n	a		e								
P/-	p	p	p	p	p	p	-	b (-)		h	a		h				2	1	2		
PL/J	u	u	u	u	u	d	d			j	a	a	a	a	j		2	1	1		
RF/J	k	k	k	k	k	k	-	b (-)		c	a		c				2	1	1		
RIII/-	r	r	r	r	r	r		b (-)	c	g	a	a	a	g	g	g	2	2	2		
SEC/-	d	d	d	d	d	d							h				2				
SJL/J	s	s	s	s	-	s		a (+)		b	b	b	b	b	b		2	2	2		
SM/J	v	v	v	v	v	v				b	b	b	b	b	b			1	2		
ST/6J	k	k	k	k	k	k	-			a	a		a				2	2	2		
SWR/J	q	q	q	q	-	q	q	a (+)	a	p			a	f	c	b	3	2	2		

letter or number: name of expressed antigen, -: no antigen expression, +: antigen expressed, lo: low level of antigen expression, blank: antigen expression is unknown

# Mouse Leukocyte Alloantigens Chart

MICE STRAINS	CD22 (Lyb-8)	CD44 (Ly-24)	CD45 (Ly-5)	CD90 (Thy-1)	CD157 (BP-3)	CD178 (Fas Ligand)	CD244 (2B4)	ART2.2 (Rt6-2)	B2 microglobulin	Ly-6	Ly-9 (CD229)	Lyb-2 (CD72)	Mtv Proviruses	NK-1.1	Vα TCR	Vβ TCR
101/-																
129/-		2 (lo)	2	2			1	lo	a	2 (hi)	1	2	3, 8, 9, 11, 13, 17	-		
A/J	2	2 (lo)	2	2	-		1		a	1 (lo)	1	2	6, 8, 13, 23, 50	-	a	b
A2G			2	2												
AKR/J	not 2	2 (lo)	2	1	+		1	med	a	2 (hi)	1	3	7, 8, 9, 17, 23, 30	-	a	b
AL/N	2									2 (hi)		not 1				
AU/SsJ														-		a
BALB/cAnN	2	1 (hi)		2		not 1				1 (lo)	1	2	6, 8, 9	-	a	b
BALB/cJ	2	1 (hi)	2	2	+		1	med	a	1 (lo)	1	2	6, 8, 9	-	a	b
BDP/J			2	1						2 (hi)	1	not 2				
BUB/BnJ				1												
BXSB/Mp				2									3, 6, 8, 9, 17			
C.B-17	2	1 (hi)	2	2	+				a	1 (lo)	1	2	6, 8, 9	-	a	b
C3H/Bi				2					a			1				
C3H/He	2	2 (lo)	2	2	+	1	1	lo	a	1 (lo)	1	2	1, 6, 8, 11, 14	-	a	b
C57BL/-	2	2 (lo)	2	2	+	1	2	hi	b	2 (hi)	2	2	8, 9, 17	+	b	b
C57BR/cd		2 (lo)	2	2					b	2 (hi)	2	1	8, 9, 11, 17, 29	-	b	a
C57L/-	2	2 (lo)	2	2					b	2 (hi)	2	1	8, 9, 11, 17, 29		b	a
C58/-	2	2 (lo)	2	2			2		a	2 (hi)	2	1	3, 7, 17	?		
CBA/Ca			2	2								2	8, 9, 14		a	
CBA/J	2	1 (hi)	2	2				med	a	1 (lo)	1	1	6, 7, 8, 9, 14, 17	-	a	b
CBA/N	2	2 (lo)	2	2	+		1			1 (lo)	1	2				
CE/-	2	2 (lo)	2	2					a	1 (lo)	1	3	7, ?	+		
DA/HuSn			1	2												
DBA/1	not 2	1 (hi)	2	2		not 1	1	med	a	1 (lo)	1	1		-	d	b
DBA/2	not 2	1 (hi)	2	2	+	not 1	1	lo	a	2 (hi)	1	1	1, 6, 7, 8, 9, 11, 13, 14, 17	-	d	b
FVB/N				1											+	
GRS/J			2	2								3				
HRS/J												2	?			
I/-				2					a			1				
LP/J			2	2					a	1 (lo)	1		6, 8, 9, 11, 13, 17			
MA/J				1					a	2 (hi)		2	8, 9, 17, 29, 43	+		
MRL/Mp				2		1				2 (hi)			8, 9, 11, 14, 17, 23	-		
NOD	2		1	2		1		med			1	3	3, 17, 31, 42, 45	-	c	b
NZB/-	not 2	2 (lo)	2	2	+	1	1	med		1 (lo)	1	2	3, 7, 9, 14, 17, 27, 28	+	c	
NZW/-						1		-				2	3, 6, 8, 17, 31, 44	+	d	
P/-				1						2 (hi)				+		
PL/J	not 2		2	1						2 (hi)	1	2	?			
RF/J	2	2 (lo)	2	1					a	2 (hi)	1	3	7, ?			
RIII/-			1	2						1 (lo)	1	2				c
SEC/-				2								2	?	+		
SJL/J	2	2 (lo)	1	2	+	1	1		a	2 (hi)	1	3	8, 29, 51	+	c	a
SM/J				2								not 2	6, 7, 8, 14, 17	-		
ST/bJ			2	2						1 (lo)		not 2	7	+		
SWR/J	2	2 (lo)	2	2					a	2 (hi)	1	1	7, 8, 14, 17		c	a

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