

Babaev et al. “Loss of two Akt isoforms in hematopoietic cells diminished monocyte and macrophage survival and reduces atherosclerosis in *Ldl-receptor* null mice”.

Major Resources Tables

Animals (in vivo studies)

Species	Vendor or Source	Background Strain	Sex
Akt1 knockout	Jackson Laboratories	C57BL/6	Female and male
Akt2 knockout	Jackson Laboratories	C57BL/6	Female and male
Akt3 knockout	Univ. Pennsylvania	C57BL/6	Female and male
LDLR knockout	Jackson Laboratories	C57BL/6	Female and male
C57BL/6	Jackson Laboratories	C57BL/6	Male

Antibodies

Target antigen	Vendor or Source	Catalog #	Working concentration	Lot # (preferred but not required)
Akt1	Cell signaling Tech	2938	1:1000	
Akt1	Cell signaling Tech	75692	1:2000	
Akt2	Cell signaling Tech	3063	1:8000	
Akt3	Cell signaling Tech	4059	1:1000	
Akt3	Cell signaling Tech	14982	1:1000	
Akt3	Cell signaling Tech	14293	1:1000	
Akt (pan)	Cell signaling Tech	4685	1:10000	
Akt (pan)	Cell signaling Tech	4691	1:10000	
β -actin	Abcam	Ab8227	1:10000	
p-Akt S ⁴⁷³	Cell signaling Tech	4060	1:2000	
p-Akt T ³⁰⁸	Cell signaling Tech	13038	1:1000	
p-BAD S ¹³⁶	Cell signaling Tech	4366	1:500	
p-BAD S ¹⁵⁵	Cell signaling Tech	9297	1:1000	
p-PDK1 S ²⁴¹	Cell signaling Tech	3438	1:2000	
p-GSK-3 α/β S ^{21/9}	Cell signaling Tech	9331	1:2000	
PE anti-mouse CD90.2	BioLegend	140308	1:100	
APC CD45R/B220	BioLegend	103212	1:100	
PE/Cy7 CD11b	BioLegend	101216	1:200	
Pacific blue Ly-6G	BioLegend	127612	1:200	
FITC anti-mouse Ly-6C	BioLegend	128006	1:100	
PE anti-mouse CD3	BioLegend	100206	1:100	
APC anti-mouse CD19	BioLegend	115512	1:100	
PerCP anti-mouse CD11b	BioLegend	101229	1:200	
Brilliant Violet 421 Ly-6G	BioLegend	126627	1:200	
Alexa Fluor 488 Ly-6C	BioLegend	128022	1:100	
Rat anti-mouse MOMA-2	Bio-Rad	MCA519G	1:200	
Rat anti-mouse CD68	Bio-Rasd	MCA1957Ga	1:300	

Akt3	Abcam	ab5922A	1:1000	
Rat CCR2 antibody	R&D System	MAB8368	1:200	

Gene expression assays

Name	Catalog N	Vendor or Source
Mouse <i>Tnf</i>	Mm00443258_m1	Applied Biosystems
Mouse <i>IL6</i>	Mm00446191_m1	Applied Biosystems
Mouse <i>Il12a</i>	Mm00434169_m1	Applied Biosystems
Mouse <i>Il10</i>	Mm99999062_m1	Applied Biosystems
Mouse <i>Rela</i>	Mm00501346_m1	Applied Biosystems
Mouse <i>Akt1</i>	Mm00437443_m1	Applied Biosystems
Mouse <i>Akt2</i>	Mm00545827_m1	Applied Biosystems
Mouse <i>Akt3</i>	Mm00442194_m1	Applied Biosystems
18S	Hs99999901_s1	Applied Biosystems