

# A Syngeneic Orthotopic Osteosarcoma Sprague Dawley Rat Model with Amputation to Control Metastasis Rate

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jove.com/video/62139

## Materials

Name	Company	Catalog Number	Comments
AKT	Cell Signaling TECHNOLOGY	4685S	
absorbable suture	Ethicon	J214H	
β-actin	SANTA CRUZ BIOTECHNOLOGY	sc-47778	
β2-AR antibody	SANTA CRUZ BIOTECHNOLOGY	sc-569	replaced by β2-AR (E-3): sc-271322
Bis-Tris gels	Thermo Fisher	NP0321PK2	
Buprenorphine SR Lab	ZooPharm	IZ-70000-201908	
CD3 antibody	Dako	#A0452	
CD68 antibody	eBioscience	#14-0688-82	
Chemiluminescent substrate	cytiva	RPN2232	
CL-Xposure film	Thermo Fisher	34089	
Complete Anesthesia System	EVETEQUIP	922120	
diaminobenzidine	VECTOR LABORATORIES	SK-4100	
Doxorubicin	Actavis	NDC 45963-733-60	
EGFR antibody	SANTA CRUZ BIOTECHNOLOGY	sc-03	replaced by EGFR (A-10): sc-373746
ERBB2 antibody	SANTA CRUZ BIOTECHNOLOGY	sc-284	replaced by Neu (3B5): sc-33684
ERBB4 antibody	SANTA CRUZ BIOTECHNOLOGY	sc-283	replaced by ErbB4 (C-7): sc-8050
ERK antibody	SANTA CRUZ BIOTECHNOLOGY	sc-514302	
eye lubricant	PHARMADERM	NDC 0462-0211-38	
Hamilton syringe (100 μL)	Hamilton	Model 1710 SN SYR	
horseradish peroxidase-linked secondary antibody	cytiva	NA934	
HRP polymer detection kit	VECTOR LABORATORIES	MP-7401	

HRP polymer detection kit	VECTOR LABORATORIES	MP-7402	
isoflurane	BUTLER SCHEIN	NDC 11695-6776-2	
isoflurane vaporizer	EVETEQUIP	911103	
UMR-106 cell	ATCC	CRL-1661	
X-ray	Faxitron	UltraFocus	
X-ray processor	Hope X-Ray Products Inc	MicroMax X-ray Processor	Hope Processors are not available in USA anymore
wound clips	BECTON DICKINSON	427631	