

Materials List for:

Murine Model of CD40-activation of B cells

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URL: <https://www.jove.com/video/1734>

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Materials

Name	Company	Catalog Number	Comments
A. Preparation of Media:			
1. Feeder cell wild type medium			
RPMI 1640			
L-Glutamine, 300 µg/mL			
FBS, 10%			
HEPES, 10 mM			
Gentamycin, 15 µg/mL			
2. Feeder cell selection medium			
RPMI 1640			
L-Glutamine, 300 µg/mL			
FBS, 10%			
HEPES, 10 mM			
Gentamycin, 15 µg/mL			
Hygromycin B, 0.2 mg/mL			
3. mCD40-B washing medium			
D-MEM			
L-Glutamine, 580 µg/mL			
Glucose, 4.5 mg/mL			
HEPES, 10 mM			
Gentamycin, 15 µg/mL			
4. mCD40-B culture medium			
D-MEM			
L-Glutamine, 580 µg/mL			
Glucose, 4.5 mg/mL			
HEPES, 10 mM			
Gentamycin, 15 µg/mL			
MEM, 0.1mM (1x)			
FBS, 10%			
B. Miscellaneous Reagents:			
RPMI 1640	Invitrogen	REF 21875	
D-MEM	Invitrogen	REF 41965	
Dulbecco's PBS (10x)	PAA Laboratories	Cat No H15-011	
Gencin®	Delta Select	Art No 7395800	
FBS	Lonza Inc.	Cat No DE14-802C	

HEPES Buffer	PAA Laboratories	Cat No S11-001	
MEM NEAA	Invitrogen	REF 11140	
Hygromycin B	PAA Laboratories	Cat No P02-015	
Recombinant Murine Interleukin-4	Immunotools	Cat No 12340045	
Cyclosporin A	Novartis AG	Cat No NDC 0078-0109-01	
Trypsin/EDTA (10x)	Invitrogen	REF 15400-054	
C. Miscellaneous Supplies:			
Sterile pipette tips	Sarstedt Ltd		
6-well plate	Nalge Nunc international	Cat No 140675	
50mL conical tube	BD Biosciences	Cat No 352070	
Tissue culture flask	Sarstedt Ltd	Cat No 83.1813.002	