

Materials List for:

A Murine Cell Line Based Model of Chronic CDK9 Inhibition to Study Widespread Non-Genetic Transcriptional Elongation Defects (TE^{deff}) in Cancers

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URL: <https://www.jove.com/video/59910>

DOI: [doi:10.3791/59910](https://doi.org/10.3791/59910)

Materials

Name	Company	Catalog Number	Comments
hhis6FasL	Cell Signaling	5452	
10X TBS	Bio-Rad	170-6435	
12 well plates	Falcon	353043	
20% methanol	Fisher Chemical	A412-4	
24-well plates	Falcon	351147	
4–18% SDS polyacrylamide gel	Bio-Rad	4561086	
4% Paraformaldehyde	Thermo Fisher Scientific	AAJ19943K2	
5% dry milk	Bio-Rad	170-6404	
7-Methylguanosine antibody	BioVision	6655-30T	
96-well plates	Cellstar	655180	
AF647-conjugated mouse CD8	Biolegend	100727	
antibiotic and antimycotic	Gibco	15240-062	
anti-His antibody	Cell Signaling	2366 P	
Anti-Rabbit	Cell Signaling	7074	Dilution 1:5000
Anti-Rat	Cell Signaling	7077S	Dilution 1:5000
Bradford assay Kit	Bio-Rad	5000121	
BSA	ACROS Organics	24040-0100	
BV421-conjugated mouse CD45	Biolegend	109831	
crystal violet	Sigma	C3886-100G	
DMEM	Gibco	11965-092	
Dynabeads Oligo (dT)25	Ambion	61002	
FBS	Gibco	45015	
Fixable Live/Dead staining dye e780	eBioscience	65-0865-14	
Flavopiridol	Selleckchem	S1230	
H3k36me3	Abcam	ab9050	Dilution 1:2000
IFN-α	R&D systems	12100-1	
IFN-γ	R&D systems	485-MI-100	
IMDM	Gibco	12440053	
Immobilon Western Chemiluminescent HRP Substrate	Millipore	WBKLS0500	
MojoSort Mouse CD8 T Cell Isolation Kit	Biolegend	480007	

NF-κB	Cell Signaling	8242s	Dilution 1:1000
PBS	Gibco	14190-144	
p-NF-κB	Cell Signaling	3033s	Dilution 1:1000
p-Ser2-RNAPII	Active Motif	61083	Dilution 1:500
p-Ser5-RNAPII	Active Motif	61085	Dilution 1:1000
p-STAT1	Cell Signaling	7649s	Dilution 1:1000
RiboMinu Eukaryote Kit	Ambion	A10837-08	
RIPA buffer	Santa Cruz Biotechnology	sc-24948	
RNAPII	Active Motif	61667	Dilution 1:1000
STAT1	Cell Signaling	9175s	Dilution 1:1000
TNF-α	R&D systems	410-MT-010	
total H3	Cell Signaling	4499	Dilution 1:2000
Tri reagent	Sigma	T9424	
Triton	Sigma	T8787-50ML	
Tween 20	AA Hoefer	9005-64-5	
β-Actin	Cell Signaling	12620S	Dilution 1:5000
β-ME	G Biosciences	BC98	