

Materials List for:

Assessment of Human Natural Killer Cell Events Driven by FcγR11a Engagement in the Presence of Therapeutic Antibodies

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URL: <https://www.jove.com/video/61144>

DOI: [doi:10.3791/61144](https://doi.org/10.3791/61144)

Materials

Name	Company	Catalog Number	Comments
16% paraformaldehyde	Thermo Fisher Scientific	50-980-487	
Alexa Fluor 488 phalloidin	Thermo Fisher Scientific	A12379	
anti-mouse HRP antibody	Cell Signaling Technologies	7076	
AutoMACS instrument	Miltenyi		NK cell isolation method; another isolation instrument may be used
B-mercaptoethanol	Thermo Fisher Scientific	21985023	
Bovine Serum Albumin Fraction V, fatty acid free	Millipore Sigma	10775835001	
CD107a APC antibody	Biolegend	328620	
Cytokine 30-Plex Human Panel	Thermo Fisher Scientific	LHC6003M	chemokine/cytokine method; another chemokine/cytokine analysis method may be used
FBS	Hyclone	SH30071.01	
Goat anti-human κ light chain antibody	Millipore Sigma	AP502	
Halt Protease and Phosphatase Inhibitor Cocktail	Thermo Fisher Scientific	78440	
HEPES	Thermo Fisher Scientific	15630080	
High Capacity cDNA Reverse Transcription Kit	Thermo Fisher Scientific	4368814	cDNA transcription method; used according to manufacturer's protocol
IFN-γ primers	Thermo Fisher Scientific	Hs00989291_m1	
Leukosep tube (50 ml conical with porous barrier)	Greiner	227290	
Lymphoprep (density gradient medium)	Stemcell	7851	
MIP-1α primers	Thermo Fisher Scientific	Hs00234142_m1	
MIP-1β primers	Thermo Fisher Scientific	Hs99999148_m1	
NK cell isolation kit	Miltenyi	130-092-657	NK cell isolation kit; another isolation kit may be used
NuPAGE 4-12% Bis-Tris Protein Gels	Thermo Fisher Scientific		another protein separation system may be used
pAKT (S473) antibody	Cell Signaling Technologies	4060	
pERK1/2 antibody	Cell Signaling Technologies	4370	
pPRAS40 antibody	Cell Signaling Technologies	13175	
PVDF membrane	Thermo Fisher Scientific		nitrocellulose may be used
RANTES primers	Thermo Fisher Scientific	Hs00982282_m1	

RIPA buffer	Millipore Sigma	R0278	
RPMI w/glutamax	Thermo Fisher Scientific	61870	
Sodium pyruvate	Thermo Fisher Scientific	11360070	
TNF-? primers	Thermo Fisher Scientific	Hs00174128_m1	
Triton X-100	Thermo Fisher Scientific	85111	
TRIzol	Thermo Fisher Scientific	15596018	RNA isolation method; used according to manufacturer's protocol
Xcell Blot II Transfer Module	Thermo Fisher Scientific		another protein separation system may be used
Xcell SureLock Protein Gel Electrophoresis Chamber System	Thermo Fisher Scientific		another protein separation system may be used
β -actin HRP antibody	Abcam	ab6721	
β -actin primers	Thermo Fisher Scientific	Hs00982282_m1	