

Materials List for

An In Vitro Artificial Activation Assay for Studying Fc Receptor Activation by Antibodies in the Absence of Target Cells

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URL: <https://www.jove.com/video/22089>

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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
CD107a APC antibody	Biolegend	328620	
Bovine Serum Albumin Fraction V, fatty acid free	Millipore Sigma	10775835001	
Cytokine 30-Plex Human Panel	Thermo Fisher Scientific	LHC6003M	chemokine/cytokine method; another chemokine/cytokine analysis method may be used
FBS (Fetal Bovine Serum)	Hyclone	SH30071.01	
Goat anti-human κ light chain antibody	Millipore Sigma	AP502	
Halt Protease and Phosphatase Inhibitor Cocktail	Thermo Fisher Scientific	78440	
pAKT (S473) antibody	Cell Signaling Technologies		
pERK1/2 antibody	Cell Signaling Technologies		
pPRAS40 antibody	Cell Signaling Technologies	13175	
β -actin HRP antibody	Abcam	ab6721	
NK cell isolation kit	Miltenyi	130-092-657	NK cell isolation kit; another isolation kit may be used