

Materials List for

# Traction Force Microscopy to Study B Lymphocyte Activation

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## Citation

Kumari, A., Pineau, J., Lennon-Duménil, A.M., Balland, M., Pierobon, P. Traction Force Microscopy to Study B Lymphocyte Activation. *J. Vis. Exp.* (), e60947, doi:10.3791/60947 (2020).

## Date Published

July 23, 2020

## DOI

10.3791/60947

## URL

jove.com/video/60947

## Materials

Name	Company	Catalog Number	Comments
3-aminopropyltrimethoxysilane (APTMS)	Sigma-Aldrich	281778	Store aliquoted, protected from humidity
40% Acrylamide Solution	Biorad	1610140	
Alexa555 microscale protein labeling kit	Molecular Probes	A30007	
Ammonium Persulfate (APS)	Sigma-Aldrich	A3678	
B cell Isolation Kit, Mouse	Miltenyi Biotec	130-090-862	
B-mercaptoethanol	Gibco	31350-010	
2% Bis Solution	Biorad	161-0142	
Bovine Serum Albumin (BSA)	Euromedex	04-100-812-C	
Coverslip 18mm	VWR	631-1580	
Fetal calf serum	PAA	A15-151	Decomplemented (40min @56°C)
Fluorodishes FD35	World Precision Instruments, Inc	FD35100	
Fluosphere: carboxylate-modified, 0.2um, dark red	Molecular Probes	F8807	
Hen Egg Lysozyme	Sigma-Aldrich	L6876	Stocked in aliquote 100mg/ml
MEM Non-Essential Amino Acids Solution (100X)	Thermofisher/Gibco	11140035	
N,N,N',N'-tetrametyletilendiammine (TEMED)	Euromedex	50406-B	
PBS (Phosphate Buffer Saline)	Gibco	10010-015	
Penicillin-streptomycin	Gibco	15140-010	
RMPI 1640 – Glutamax I	Thermofisher	61870-010	
Sigmacote	Sigma-Aldrich	SL2	
Sodium pyruvate	Gibco	11360-039	
sulfosuccinimidyl 6-(4'-azido-2'-nitrophenylamino)hexanoate (Sulfo-SANPAH)	Thermo Scientific	22589	