

Materials List for:

Imaging of In Situ Interferon Gamma Production in the Mouse Spleen following *Listeria monocytogenes* Infection

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Materials

| Name | Company | Catalog Number | Comments |
|---|-----------------------------|----------------|---|
| Brefeldin A | Cambridge bioscience | CAY11861 | |
| Paraformaldehyde | Agar scientific | R1018 | |
| L-Lysin dihydrochloride | Sigma lifescience | L5751 | |
| Sodium meta-periodate | Thermo Scientific | 20504 | |
| D(+)-saccharose | VWR Chemicals | 27480.294 | |
| Precision wipes paper Kimtech science | Kimberly-Clark Professional | 75512 | |
| O.C.T. compound, mounting medium for cryotomy | VWR Chemicals | 361603E | |
| Fc block, purified anti-mouse CD16/32, clone 93 | Biologend | 101302 | Antibody clone and Concentration used: 2.5 mg/ml |
| Microscope slides - Superfrost Plus | VWR Chemicals | 631-0108 | |
| anti-CD169 - AF647 | Biologend | 142407 | Antibody clone and Concentration used: clone 3D6.112 1.6 mg/ml Excitation wavelength: 650 Emission wavelength: 65 |
| anti-F4/80 - APC | Biologend | 123115 | Antibody clone and Concentration used: clone BM8 2.5 mg/ml Excitation wavelength: 650 Emission wavelength: 660 |
| anti-B220 - PB | Biologend | 103230 | Antibody clone and Concentration used: clone RA3-6B2 1.6 mg/mL Excitation wavelength: 410 Emission wavelength: 455 |
| anti-IFN γ - biotin | Biologend | 505804 | Antibody clone and Concentration used: clone XMG1.2 5 mg/mL |
| anti-IFN γ - BV421 | Biologend | 505829 | Antibody clone and Concentration used: clone XMG1.2 5 mg/mL Excitation wavelength: 405 Emission wavelength: 436 |
| anti-Nkp46/NCRI | R&D Systems | AF2225 | Antibody clone and Concentration used: goat 2.5 mg/mL |
| anti-goat IgG-FITC | Novusbio | NPp 1-74814 | Antibody clone and Concentration used: 1 mg/mL Excitation wavelength: 490 Emission wavelength: 525 |

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|--|--------------------------|-----------------|---|
| Streptavidin - PE | Biolegend | 405203 | Antibody clone and Concentration used: 2.5 mg/mL Excitation wavelength: 565 Emission wavelength: 578 |
| Streptavidin - FITC | Biolegend | 405201 | Antibody clone and Concentration used: 2.5 mg/mL Excitation wavelength: 490 Emission wavelength: 525 |
| Fluoromount G | SouthernBiotech | 0100-01 | |
| Cover glasses 22 mm x 40 mm | Menzel-Glazer | 12352128 | |
| Liquid blocker super PAP PEN mini | Axxora | CAC-DAI-PAP-S-M | |
| Imaris - Microscopy Image Analysis Software | Bitplane | | |
| Confocal microscope - Olympus FV1200 Laser scanning microscope | Olympus | | |
| Cryostat - CM 1900 UV | Leica | | |
| Base mould disposable | Fisher Scientific UK Ltd | 11670990 | |
| PBS 1x | Life Technologies Ltd | 20012068 | |
| BHI Broth | VWR Brand | 303415ZA | |
| GFP | | | Excitation wavelength: 484 Emission wavelength: 507 |
| RFP | | | Excitation wavelength: 558 Emission wavelength: 583 |
| Insulin syringe, with needle, 29 G | VWR International | BDAM324824 | |
| C57BL/6 wild type mice | Charles River | | |