

Materials List for:

Rapid and Robust Analysis of Cellular and Molecular Polarization Induced by Chemokine Signaling

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Materials

| Name | Company | Catalog Number | Comments |
|----------------------------------|------------------------------|----------------|--|
| RPMI | Gibco | 61870-010 | |
| Human serum AB | PAA | C11-021 | Pre-heat to inactivate the complement. |
| Fetal calf serum | PAN Biotech | P30-3300 | Pre-heat to inactivate the complement. |
| Human T cell nucleofactor kit | Lonza | VCA-1002 | |
| Murine IL7 | Peprotech | 217-17 | |
| HBSS | Gibco | 14025-050 | Warm in 37 °C water bath before use. |
| Hepes | Gibco | 15630-056 | |
| Murine CCL19 | Peprotech | 250-27B | Aliquots are thawed on ice before adding the chemokine to the cells. |
| Human CCL19 | Peprotech | 300-29B | Aliquots are thawed on ice before adding the chemokine to the cells. |
| Human CXCL12 | Peprotech | 300-28A | Aliquots are thawed on ice before adding the chemokine to the cells. This chemokine can also be used on mouse T cells. |
| PFA | Electron Microscopy Sciences | 157-8-100 | This is a 8% PFA solution in water. Mix volume to volume with 2x PBS to obtain a 4% PFA solution in PBS. |
| BSA | Sigma | A3059 | |
| Saponin | Fluka | 84510 | |
| Alexa Fluor 594 phalloidin | Invitrogen | A12381 | |
| FITC-anti-HLA-ABC antibody | Beckman Coulter | IM1838 | clone B9.12.1 |
| Anti-P-ERM antibody | Cell Signaling Technology | 3149P | |
| ImageStream ^x Mark II | Amnis | | |