

Materials List for

CTC Immunofluorescence Assay : A Technique to Characterize Circulating Tumor Cells

1

URL: <https://www.jove.com/video/20231>

DOI: [doi:10.3791/20231](https://doi.org/10.3791/20231)

Materials

| Name | Company | Catalog Number | Comments |
|---|---------------------|----------------|--|
| Pluronic F-68 10% | Gibco | 24040-032 | Anti-binding solution. Storage conditions: Room temperature |
| EZ Cytotunnels | ThermoFisher | A78710003 | Sample chamber with cotton. Storage conditions: Room temperature |
| Shandon Cytospin4 centrifuge | ThermoFisher | A78300003 | Dedicated centrifuge. Storage conditions: Room temperature |
| Paraformaldehyde 16% | ThermoFisher | 11490570 | Fixation solution. Storage conditions: +4°C |
| Phosphate Buffered Saline Ultra Pure Grade 1X – 1L | 1st Base Laboratory | BUF-2040-1X1L | Storage conditions: Room temperature |
| FcR blocking Agent | Miltenyi Biotec | 130-059-901 | Storage conditions: +4°C |
| PD-L1 monoclonal antibody (clone 29E2A3) - Phycoerythrin | BioLegend | BLE329706 | Storage conditions: +4°C |
| PanCK monoclonal antibody (clone AE1/AE3) Alexa Fluor 488 | ThermoFisher | 53-9003-80 | Storage conditions: +4°C |
| CD45 monoclonal antibody (clone HI30) Alexa Fluor 647 | BioLegend | BLE304020 | Storage conditions: +4°C |
| Fluoromount | Sigma | F4680 | Mounting solution. Storage conditions: Room temperature |
| Petri Dish | Dutscher | 632180 | Storage conditions: Room temperature |
| Phosphate Buffered Saline (PBS) | Ozyme | BE17-512F | Storage conditions: +4°C |
| Polylysine slides | ThermoFisher | J2800AMNZ | Storage conditions: Room temperature |
| Silicon Isolator | Grace bio-Labs | 664270 | Storage conditions: Room temperature |
| Sterile Deionized Water – 100 mL | 1st Base Laboratory | CUS-4100-100ml | Storage conditions: Room temperature |
| Fetal Calf Serum (FCS) | Gibco | 10270-106 | Storage conditions: +4°C |