

Materials List for

Live-3D-Cell Immunocytochemistry Assays of Pediatric Diffuse Midline Glioma

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Materials

| Name | Company | Catalog Number | Comments |
|--|---------------------------|----------------|---|
| 96 Well TC-Treated Microplates | Corning | 3595 | size 96 wells, polystyrene plate, flat bottom |
| Accutase | Euroclone | ECB3056D | solution for neurosphere dissociation |
| Burker chamber | Mv medical | FFL16034 | cell counting chamber |
| CD-44 (156-3C11) | Cell Signaling Technology | 3570 | Mouse mAb IgG2a |
| Corning Matrigel Matrix | Corning | 356237 | Basement Membrane Matrix (BMM), Phenol Red-free, LDEV-free |
| Fabfluor-488 Antibody Labeling Dye | Incucyte | 4743 | Antibody labelling reagent (ALR): Mouse IgG2a 488 antibody for Live-Cell Immunocytochemistry |
| Incucyte S3 and/or SX5 Live-Cell Analysis Instrument | Sartorius | - | The Incucyte S3 and/or SX5 Instrument is used for real-time cell monitoring and surveillance, cell health and viability, migration and invasion, plus a wide range of phenotypic cell-based assays. |
| Inverted Microscope | | - | any inverted microscope |
| Opti-Green Background Suppressor Reagent | Incucyte | 6500-0045 | Background suppressor reagent (BSR) |
| Tumor stem cell (TSM) medium | - | - | growth cell medium (see reference in the text for details) |
| Ultra-Low Attachment Multiple Well Plate | Corning Costar | 7007 | size 96 well, round bottom clear |