

## DESCRIPTION

|                           |  |
|---------------------------|--|
| <b>Species Reactivity</b> | Human  |
| <b>Specificity</b>        | Detects human Fibronectin in Western blots.  |
| <b>Source</b>             | Monoclonal Mouse IgG <sub>1</sub> Clone # P1H11  |
| <b>Purification</b>       | Protein A or G purified from hybridoma culture supernatant   |
| <b>Immunogen</b>          | Human plasma-derived Fibronectin   |
| <b>Conjugate</b>          | Phycoerythrin<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 565-605 nm  |
| <b>Formulation</b>        | Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.<br><br>*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

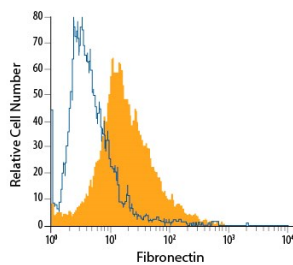
## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

|   | <b>Recommended Concentration</b> | <b>Sample</b> |
|---|----------------------------------|---------------|
| <b>Intracellular Staining by Flow Cytometry</b> | 10 $\mu$ L/10 <sup>6</sup> cells | See Below     |

## DATA

### Intracellular Staining by Flow Cytometry



**Detection of Fibronectin in WS-1 Human Cell Line by Flow Cytometry.** WS-1 human fetal skin fibroblast cell line was stained with Mouse Anti-Human Fibronectin PE-conjugated Monoclonal Antibody (Catalog # IC1918P, filled histogram) or isotype control antibody (Catalog # IC002P, open histogram). To facilitate intracellular staining, cells were fixed with Flow Cytometry Fixation Buffer (Catalog # FC004) and permeabilized with Flow Cytometry Permeabilization/Wash Buffer I (Catalog # FC005). View our protocol for [Staining Intracellular Molecules](#).

## PREPARATION AND STORAGE

|                                |  |
|--------------------------------|--|
| <b>Shipping</b>                | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.                                  |
| <b>Stability &amp; Storage</b> | <b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul> |

## BACKGROUND

Fibronectin is an extracellular matrix component that exists in different alternately spliced isoforms. Fibronectin mediates cell adhesion in its insoluble state but not as a soluble molecule. Fibronectins play a role in cell adhesion, migration, differentiation, and specific gene expression.