

DESCRIPTION

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| Species Reactivity | Human |
| Specificity | Detects human Integrin α 6/CD49f. |
| Source | Monoclonal Mouse IgG _{2B} Clone # MP4F10 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | SW1222 human colorectal carcinoma cell line |
| Conjugate | Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm |
| Formulation | Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

| | Recommended Concentration | Sample |
|-----------------------|--------------------------------------|--|
| Flow Cytometry | 0.25-1 μ g/10 ⁶ cells | Human peripheral blood mononuclear cells |

PREPARATION AND STORAGE

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

BACKGROUND

The Integrin α 6 subunit, also known as CD49f and VLA-6 α subunit, forms a heterodimer with Integrin β 1 (CD29) or β 4 (CD104) subunits. Integrin α 6 β 1 is a receptor for laminin. Integrin α 6 β 4 is also a receptor for laminin and is a structural component of hemidesmosomes in stratified epithelia.

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