

#### DESCRIPTION

<b>Species Reactivity</b>	Human/Rat
<b>Specificity</b>	Detects human and rat OV-6 antigen.
<b>Source</b>	Monoclonal Mouse IgG <sub>1</sub> Clone # OV-6
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Carcinogen-treated rat nodular hepatocytes
<b>Conjugate</b>	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Formulation</b>	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
<b>Flow Cytometry</b>	0.25-1 µg/10 <sup>6</sup> cells	BG01V cells

#### 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

OV-6 antigen has been used as a marker to identify oval cells, putative hepatic stem cells that can differentiate into multiple cell types.

#### References:

- Dunsford, H.A. and S. Sell (1989) Cancer Res. **49**:4887.
- Parent, R. *et al.* (2004) Gastroenterology **126**:1147.
- He, Z.P. *et al.* (2003) Cell Prolif. **37**:177.
- Lazaro, C.A. *et al.* (2003) Hepatology **38**:1095.
- He, Z.P. *et al.* (2003) Differentiation **71**:281.

#### PRODUCT SPECIFIC NOTICES

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