

DESCRIPTION

Species Reactivity	Human/Rat
Specificity	Detects human and rat OV-6 antigen.
Source	Monoclonal Mouse IgG ₁ Clone # OV-6
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Carcinogen-treated rat nodular hepatocytes
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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 µg/10 ⁶ cells	BG01V cells

PREPARATION AND STORAGE

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

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.

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