

DESCRIPTION

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| Species Reactivity | Human |
| Specificity | Detects human Serum Albumin in direct ELISAs. |
| Source | Monoclonal Mouse IgG _{2A} Clone # 188835 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | Human Serum Albumin |
| 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 |
|---|----------------------------------|---|
| Intracellular Staining by Flow Cytometry | 0.25-1 µg/10 ⁶ cells | HepG2 human hepatocellular carcinoma cell line fixed with paraformaldehyde and permeabilized with saponin |

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. ● 12 months from date of receipt, 2 to 8 °C as supplied. |

BACKGROUND

Albumin is the most abundant plasma protein, constituting approximately 60% of the total protein in blood. It is produced primarily by the liver and is important for the maintenance of colloidal osmotic blood pressure. Therefore, it maintains the balance of fluid between the vascular compartment and extravascular tissue. It also acts as a transport protein, carrying fatty acids, bilirubin, and various drugs and hormones.

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