

DESCRIPTION

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 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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

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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