

DESCRIPTION

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| Species Reactivity | Human/Mouse |
| Specificity | Detects human and mouse Glucagon. |
| Source | Monoclonal Mouse IgG _{2A} Clone # 181402 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | Human Glucagon synthetic peptide |
| Conjugate | Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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 | βTC-6 mouse beta cell insulinoma cell line fixed with Flow Cytometry Fixation Buffer (Catalog # FC004) and permeabilized with Flow Cytometry Permeabilization/Wash Buffer I (Catalog # FC005) |

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

Glucagon is a 29 amino acid residue pancreatic peptide hormone. It stimulates gluconeogenesis and glycogenolysis to counter the glucose-lowering action of insulin.

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