

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IFN- α / β R1 in direct ELISA.
Source	Monoclonal Mouse IgG _{2B} Clone # 1056928
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human IFN- α / β R1 Lys28-Lys436 Accession # AAA52730
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. *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.

Flow Cytometry	Titration recommended for optimal concentration with starting range of 0.1-1 μ g/1 million cells. Samples used for this experiment was U937 human histiocytic lymphoma cell line
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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

Type I interferons (IFN- α , IFN- β , IFN- ω) bind to the type I IFN receptor, also called the IFN alpha/beta receptor. This receptor is composed of two chains, IFN- α / β R1 and R2.

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