

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IFN- α / β R1 in direct ELISAs and Western blots. In direct ELISAs, does not cross-react with recombinant human (rh) IFN- γ R1, rhIFN- γ R2, recombinant mouse IFN- α / β R2, rhIL-10 R β , rhIL-10 R α , or rhIL-20 R β .
Source	Monoclonal Mouse IgG ₁ Clone # 85228
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 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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 μ g/10 ⁶ cells	U937 human histiocytic lymphoma cell line

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

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.

PRODUCT SPECIFIC NOTICES

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