

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IFN- γ R2 extracellular domain in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) IFN- γ R2, recombinant mouse IFN- γ R1, rhIFN- γ R1, or rhIL-10 R β is observed.
Source	Monoclonal Hamster IgG Clone # MOB47
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Recombinant mouse IFN- γ R2 Extracellular domain
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 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	This antibody has been shown to recognize mouse IFN- γ R2 expressed on mouse T cells (Bach, E. <i>et al.</i> , 1995, <i>Science</i> 270 :1215). This application was not tested by R&D Systems.

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

Interferon gamma Receptor 2 (IFN- γ R2) is a type II transmembrane protein that associates with IFN- γ R1 to form a high affinity receptor complex for IFN- γ . IFN- γ R2 is required for signal transduction but does not bind IFN- γ by itself.

PRODUCT SPECIFIC NOTICES

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