

#### DESCRIPTION

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse IFN- $\gamma$ R2 extracellular domain in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) IFN- $\gamma$ R2, recombinant mouse IFN- $\gamma$ R1, rhIFN- $\gamma$ R1, or rhIL-10 R $\beta$ is observed.
<b>Source</b>	Monoclonal Hamster IgG Clone # MOB47
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Recombinant mouse IFN- $\gamma$ R2 Extracellular domain
<b>Conjugate</b>	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
<b>Formulation</b>	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.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	0.25-1 $\mu$ g/10 <sup>6</sup> cells	This antibody has been shown to recognize mouse IFN- $\gamma$ R2 expressed on mouse T cells (Bach, E. <i>et al.</i> , 1995, <i>Science</i> <b>270</b> :1215). This application was not tested by R&D Systems.

#### PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

#### BACKGROUND

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

#### PRODUCT SPECIFIC NOTICES

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