

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IFN- α/β R2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, this antibody does not cross-react with recombinant human (rh) IFN- α/β R1, recombinant mouse (rm) IFN- γ R1, rmIFN- γ R2, rhIL-10 R β , rhIL-20 R β , or rmlL-20 R β .
Source	Monoclonal Rat IgG _{2A} Clone # 237526
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse IFN- α/β R2 Met1-Ala239 (Lys160Asn) Accession # Q9D1R7
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μ m filtered solution in PBS.

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
Western Blot	1 μ g/mL	Recombinant Mouse IFN- α/β R2

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

IFN- α/β R2 belongs to the type II cytokine receptor family. It associates with IFN- α/β R1 to form the signaling receptor complex for the α and β IFN subtypes. By alternative splicing, IFN- α/β R2 can exist as a secreted soluble protein or as a type I membrane protein.