

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Limitin/IFN- ζ in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant mouse IFN- γ is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 183707
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Limitin/IFN- ζ Leu22-Arg182 Accession # Q9R1T0
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% 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.

ELISA Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
Neutralization	Optimal dilution of this antibody should be experimentally determined.

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

Limitin, also known as IFN- ζ , is a 20 kDa glycoprotein that is secreted by T cells and bronchial and salivary duct epithelial cells. It inhibits B-lineage cell development but has little effect on myelopoiesis or erythropoiesis. Limitin binds to IFN- α/β receptors and has potent antiviral activity. Mouse Limitin shares 32%, 26%, and 30% amino acid sequence identity with mouse IFN- α , mouse IFN- β , and human IFN- ω , respectively.

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