



Anti-IFNZ monoclonal antibody, clone 294808 (DCABY-4248)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Limitin is a secreted interferon (IFN)-like glycoprotein. It has antiviral activity and selectively inhibits B-lineage lymphoid-cell development both in vivo and in vitro, while having little effect on myelopoiesis or erythropoiesis. Limitin binds to the IFN-alpha/beta receptors and induces IFN regulatory factor-1. Mouse limitin displays 32%, 26% and 30% amino acid sequence identity with mouse IFN-alpha, mouse IFN-beta, and human IFN-omega, respectively.
Specificity	Detects mouse Limitin/IFN-zeta in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant mouse IFN-gamma is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Limitin/IFN-zeta . Leu22-Arg182 Accession Number Q9R1T0
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	294808
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair), Neutralization
Procedure	Matched Antibody Pairs
Format	Liquid
Size	500 µg

Buffer	Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) with 5% trehalose.
Preservative	None
Storage	Lyophilized samples are stable for twelve months from date of receipt when stored at -20 °C to -70 °C. Upon reconstitution, the antibody can be stored at 2 to 8 °C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20 °C to -70 °C in a manual defrost freezer for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	Ifnz interferon zeta [Mus musculus (house mouse)]
Official Symbol	IFNZ
Synonyms	IFNZ; interferon zeta; BGIF; Lmtn; 6030405N23Rik; ENSMUSG00000073810; limitin;
Entrez Gene ID	319146
Protein Refseq	NP_922871
UniProt ID	Q8BQT1
Chromosome Location	4 C4; 4
Function	cytokine activity; type I interferon receptor binding;