



# Anti-IFN $\zeta$ monoclonal antibody, clone 294808 (DCABY-4248)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Specificity</b>	Detects mouse Limitin/IFN-zeta in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant mouse IFN-gamma is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant mouse Limitin/IFN-zeta . Leu22-Arg182 Accession Number Q9R1T0
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	294808
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA Capture (Matched Pair), Neutralization
<b>Format</b>	Liquid
<b>Size</b>	500 $\mu$ g
<b>Buffer</b>	Lyophilized from a 0.2 $\mu$ m filtered solution in phosphate-buffered saline (PBS) with 5%

trehalose.

<b>Preservative</b>	None
<b>Storage</b>	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

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