



Anti-IFNZ polyclonal antibody [Biotin] (DPABY-610)

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

PRODUCT INFORMATION

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| 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 Limitin/IFN-zeta in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant mouse (rm)IFN-gamma and rmIFN-alpha/beta R1 is observed. |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant mouse Limitin/IFN-zeta . Leu22-Arg182 Accession Number Q9R1T0 |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Mouse |
| Purification | Antigen Affinity-purified |
| Conjugate | Biotin |
| Applications | Western Blot, Immunohistochemistry, ELISA Detection (Matched Pair) |
| Format | Liquid |
| Size | 50 µg |
| Buffer | Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin (BSA) per 1 µg of antibody. |

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| 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 °C 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

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| 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; |