

Anti-IRF2 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9645-Fluoro594

About IRF2

IRF2 (interferon regulatory factor 2) is a member of the interferon regulatory transcription factor (IRF) family. The IRF2 gene is mapped on 4q35.1. When the IRF2 gene was overexpressed in NIH 3T3 cells, the cells became transformed and displayed enhanced tumorigenicity in nude mice. One IRF binding site was found within the IRF2 promoter, and expression of the IRF2 gene was affected by both transient and stable IRF1 expression. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation. However, IRF2 also functions as a transcriptional activator of histone H4. Irf2 was required to prevent NK-cell apoptosis and keep immature NK cells alive, thus promoting NK-cell maturation and their supply to peripheral blood.

Overview

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| Product Name | Anti-IRF2 Antibody Picoband® Fluoro594 Conjugated |
| Reactive Species | Human, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P14316 |

Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of human IRF2, different from the related mouse sequence by three amino acids. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm |

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-IRF2 Antibody - Fluoro594

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