

Anti-Zebrafish NF45/ILF2 Antibody Picoband® Cy3 Conjugated

Catalog Number: AZQ6NZ06-Cy3

About ILF2

Interleukin enhancer-binding factor 2 is a protein that in humans is encoded by the ILF2 gene. The protein encoded by this gene is a transcription factor required for T-cell expression of the interleukin 2 gene. It also binds RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. The encoded 45 kDa protein (NF45, ILF2) forms a complex with the 90 kDa interleukin enhancer-binding factor 3 (NF90, ILF3), and this complex has been shown to affect the redistribution of nuclear mRNA to the cytoplasm, to repair DNA breaks by nonhomologous end joining, and to negatively regulate the microRNA processing pathway. Knockdown of NF45 or NF90 protein retards cell growth, possibly by inhibition of mRNA stabilization. Alternative splicing results in multiple transcript variants. Related pseudogenes have been found on chromosomes 3 and 14.

Overview

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|----------------------|---|
| Product Name | Anti-Zebrafish NF45/ILF2 Antibody Picoband® Cy3 Conjugated |
| Reactive Species | Zebrafish |
| Application | Recommended applications are based on the parent unconjugated antibody (IF, IHC, 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% Na ₃ N. |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | Q6NZ06 |

Technical Details

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|---------------|---|
| Immunogen | E.coli-derived zebrafish NF45/ILF2 recombinant protein (Position: Y23-K356) |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm |

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