

Anti-MIPEP Antibody Picoband® PE Conjugated

Catalog Number: A05926-1-PE

About MIPEP

Mitochondrial intermediate peptidase is an enzyme that in humans is encoded by the MIPEP gene. The product of this gene performs the final step in processing a specific class of nuclear-encoded proteins targeted to the mitochondrial matrix or inner membrane. This protein is primarily involved in the maturation of oxidative phosphorylation (OXPHOS)-related proteins. This gene may contribute to the functional effects of frataxin deficiency and the clinical manifestations of Friedreich ataxia.

Overview

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| Product Name | Anti-MIPEP Antibody Picoband® PE Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, 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 | Q99797 |

Technical Details

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| Immunogen | E.coli-derived human MIPEP recombinant protein (Position: D357-E713). Human MIPEP shares 88% and 89.6% amino acid (aa) sequence identity with mouse and rat MIPEP, respectively. |
| Cross Reactivity | No cross reactivity with other proteins. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm |
| Suggested Dilutions | Optimal dilutions should be determined by end users. |

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Anti-MIPEP Antibody - PE

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