

Anti-RPE Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A05272-1-Fluoro488

About RPE

Ribulose-phosphate 3-epimerase is an enzyme that in humans is encoded by the RPE gene. RPE catalyzes the reversible epimerization of D-ribulose 5-phosphate to D-xylulose 5-phosphate. This gene belongs to the ribulose-phosphate 3-epimerase family. 2 isoforms of the human protein are produced by alternative splicing.

Overview

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| Product Name | Anti-RPE Antibody Picoband® Fluoro488 Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (ELISA, 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 | Q96AT9 |

Technical Details

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| Immunogen | E.coli-derived human RPE recombinant protein (Position: D68-E110). Human RPE shares 97.7% amino acid (aa) sequence identity mouse RPE. |
| Cross Reactivity | No cross reactivity with other proteins. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm |
| Suggested Dilutions | Optimal dilutions should be determined by end users. |

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