

## Anti-RPE Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A05272-1-Fluoro594

### 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

Product Name	Anti-RPE Antibody Picoband® Fluoro594 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 <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
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

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	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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