

## Anti-QPRT Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A09896-Fluoro647

### About QPRT

This gene encodes a key enzyme in catabolism of quinolinate, an intermediate in the tryptophan-nicotinamide adenine dinucleotide pathway. Quinolinate acts as a most potent endogenous excitotoxin to neurons. Elevation of quinolinate levels in the brain has been linked to the pathogenesis of neurodegenerative disorders such as epilepsy, Alzheimer's disease, and Huntington's disease. Alternative splicing results in multiple transcript variants.

### Overview

Product Name	Anti-QPRT Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
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	Q15274

### Technical Details

Immunogen	E.coli-derived human QPRT recombinant protein (Position: R24-H297).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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