

Anti-Ribonuclease Inhibitor/RNH1 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PB9885-Fluoro488

About RNH1

Ribonuclease inhibitor is an enzyme that in humans is encoded by the RNH1 gene. Placental ribonuclease inhibitor (PRI) is a member of a family of proteinaceous cytoplasmic RNase inhibitors that occur in many tissues and bind to both intracellular and extracellular Rnases. In addition to control of intracellular RNases, the inhibitor may have a role in the regulation of angiogenin. Ribonuclease inhibitor, of 50,000 Da, binds to ribonucleases and holds them in a latent form. Since neutral and alkaline ribonucleases probably play a critical role in the turnover of RNA in eukaryotic cells, RNH may be essential for control of mRNA turnover; the interaction of eukaryotic cells with ribonuclease may be reversible in vivo.

Overview

Product Name	Anti-Ribonuclease Inhibitor/RNH1 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, Monkey, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IHC, ICC, 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	P13489

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human RNH1, different from the related mouse sequence by five amino acids, and from the related rat sequence by four amino acids.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit 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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