

## Anti-CINP Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A07687-1-Fluoro488

### About Cinp

Cartilage intermediate layer protein 1 is a protein that in humans is encoded by the CILP gene. The protein encoded by this gene is reported to be a component of the DNA replication complex as well as a genome-maintenance protein. It may interact with proteins important for replication initiation and has been shown to bind chromatin at the G1 phase of the cell cycle and dissociate from chromatin with replication initiation. It may also serve to regulate checkpoint signaling as part of the DNA damage response. Alternative splicing results in multiple transcript variants.

### Overview

Product Name	Anti-CINP Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Mouse
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, 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% Na <sub>3</sub> 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	Q9D0V8

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse CINP, which shares 85.7% and 100% amino acid (aa) sequence identity with human and rat CINP, respectively.
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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