

## Anti-Occludin/Ocln Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A01246-3-Fluoro488

### About Ocln

Occludin is an enzyme (EC 1.6) that oxidizes NADH. Predicted to enable protein domain specific binding activity. Involved in negative regulation of gene expression and tight junction organization. Located in several cellular components, including apical plasma membrane; apicolateral plasma membrane; and bicellular tight junction. Is expressed in several structures, including alimentary system; brain; genitourinary system; respiratory system; and sensory organ. Human ortholog(s) of this gene implicated in Crohn's disease and pseudo-TORCH syndrome 1. Orthologous to human OCLN (occludin).

### Overview

Product Name	Anti-Occludin/Ocln Antibody Picoband® Fluoro488 Conjugated
Reactive Species	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	Q61146

### Technical Details

Immunogen	E.coli-derived mouse Occludin/Ocln recombinant protein (Position: E7-Y367).
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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