

## Anti-Zebrafish COL10A1A Antibody Cy3 Conjugated

Catalog Number: AZA2RQR3-Cy3

### About COL10A1A

Predicted to be an extracellular matrix structural constituent conferring tensile strength. Acts upstream of or within fin regeneration. Predicted to be located in extracellular region. Predicted to be part of collagen trimer. Predicted to be active in basement membrane and extracellular space. Is expressed in several structures, including fin; mesenchymal cell; osteoblast; osteoprogenitor cell; and skeletal system. Human ortholog(s) of this gene implicated in Schmid metaphyseal chondrodysplasia and osteochondrodysplasia. Orthologous to human COL10A1 (collagen type X alpha 1 chain).

### Overview

Product Name	Anti-Zebrafish COL10A1A Antibody Cy3 Conjugated
Reactive Species	Zebrafish
Application	Recommended applications are based on the parent unconjugated antibody (IHC). 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	A2RQR3

### Technical Details

Immunogen	E.coli-derived Zebrafish COL10A1A recombinant protein (Position: I544-H644).
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm

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