

## Anti-Zebrafish COL10A1A Antibody Fluoro550 Conjugated

Catalog Number: AZA2RQR3-Fluoro550

### 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 Fluoro550 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% 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           | 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     | Fluoro550<br>Excitation Wavelength: 562 nm<br>Emission Wavelength: 576 nm    |

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