

## Anti-Zebrafish NKX2.1 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: AZQ98TX4-Fluoro488

### About NKX2.1

Predicted to enable DNA-binding transcription factor activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Acts upstream of or within hypothalamus development. Predicted to be active in nucleus. Is expressed in brain; head; presumptive diencephalon; swim bladder; and thyroid follicle. Human ortholog(s) of this gene implicated in choreatic disease and papillary thyroid carcinoma. Orthologous to human NKX2-1 (NK2 homeobox 1).

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Zebrafish NKX2.1 Antibody Picoband® Fluoro488 Conjugated  |
| Reactive Species     | Zebrafish  |
| Application          | Flow Cytometry   |
| 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           | Q98TX4   |

### Technical Details

|               |   |
|---------------|---|
| Immunogen     | E.coli-derived Zebrafish NKX2.1 recombinant protein (Position: S23-S326).     |
| Form          | Liquid  |
| Concentration | 0.5 mg/mL   |
| Purification  | Immunogen affinity purified.  |
| Conjugate     | Fluoro488<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm |

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