

## Anti-Zebrafish METAP2a/b Antibody Picoband® PE Conjugated

Catalog Number: AZA5WVX8-PE

### About METAP2a/b

Methionine aminopeptidase 2 is an enzyme that in humans is encoded by the METAP2 gene. The protein encoded by this gene is a member of the methionyl aminopeptidase family. The encoded protein functions both by protecting the alpha subunit of eukaryotic initiation factor 2 from inhibitory phosphorylation and by removing the amino-terminal methionine residue from nascent proteins. Increased expression of this gene is associated with various forms of cancer, and the anti-cancer drugs fumagillin and ovalicin inhibit the protein by irreversibly binding to its active site. Inhibitors of this gene have also been shown to be effective for the treatment of obesity. A pseudogene of this gene is located on chromosome 2. Several transcript variants encoding different isoforms have been found for this gene.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-Zebrafish METAP2a/b Antibody Picoband® PE Conjugated   |
| Reactive Species     | Zebrafish   |
| Application          | Recommended applications are based on the parent unconjugated antibody (IHC, 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           | A5WVX8/Q7SXX1   |

### Technical Details

|               |  |
|---------------|--|
| Immunogen     | E.coli-derived zebrafish METAP2a/b recombinant protein (Position: E191-R464) |
| Form          | Liquid   |
| Concentration | 0.5 mg/mL  |
| Purification  | Immunogen affinity purified.   |
| Conjugate     | PE<br>Excitation Wavelength: 566 nm<br>Emission Wavelength: 574 nm           |

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