

## Anti-ANAPC2 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A06153-1-Fluoro488

### About ANAPC2

Anaphase-promoting complex subunit 2 is an enzyme that in humans is encoded by the ANAPC2 gene. A large protein complex, termed the anaphase-promoting complex (APC), or the cyclosome, promotes metaphase-anaphase transition by ubiquitinating its specific substrates such as mitotic cyclins and anaphase inhibitor, which are subsequently degraded by the 26S proteasome. Biochemical studies have shown that the vertebrate APC contains eight subunits. The composition of the APC is highly conserved in organisms from yeast to humans. The product of this gene is a component of the complex and shares sequence similarity with a recently identified family of proteins called cullins, which may also be involved in ubiquitin-mediated degradation.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-ANAPC2 Antibody Picoband® Fluoro488 Conjugated   |
| Reactive Species     | Human, Monkey, Mouse, Rat   |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IF, IHC, ICC, 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           | Q9UJX6  |

### Technical Details

|                  |   |
|------------------|---|
| Immunogen        | E.coli-derived human ANAPC2 recombinant protein (Position: K51-R272).         |
| Cross Reactivity | No cross-reactivity with other proteins.                                      |
| Isotype          | Rabbit IgG  |
| Form             | Liquid  |
| Concentration    | 0.5 mg/mL   |
| Purification     | Immunogen affinity purified.  |
| Conjugate        | Fluoro488<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm |

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-ANAPC2 Antibody - Fluoro488

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