

## Anti-TAB2 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A02499-1-Fluoro594

### About TAB2

Mitogen-activated protein kinase kinase kinase 7-interacting protein 2, also known as TAB2, is an enzyme that in humans is encoded by the MAP3K7IP2 gene. The protein encoded by this gene is an activator of MAP3K7/TAK1, which is required for the IL-1 induced activation of nuclear factor kappaB and MAPK8/JNK. This protein forms a kinase complex with TRAF6, MAP3K7 and TAB1, thus serves as an adaptor linking MAP3K7 and TRAF6. TAB2 functionally links TAK1 to TRAF6. What's more, TAB2 can act as a sensor for inflammatory signals by serving as a molecular beacon for recruitment of MEKK1 (MAP3K1), which in turn mediated dismissal of the NCOR/HDAC complex and permitted derepression of AR and estrogen receptor target genes.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-TAB2 Antibody Picoband® Fluoro594 Conjugated  |
| Reactive Species     | Human  |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, 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% Na2HPO4, 0.02% NaN3.  |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.   |
| Host                 | Rabbit   |
| Uniprot ID           | Q9NYJ8   |

### Technical Details

|                  |   |
|------------------|---|
| Immunogen        | E.coli-derived human TAB2 recombinant protein (Position: Q169-K522).      |
| Cross Reactivity | No cross-reactivity with other proteins.                                  |
| Isotype          | Rabbit IgG  |
| Form             | Liquid  |
| Concentration    | 0.5 mg/mL   |
| Purification     | Immunogen affinity purified.  |
| Conjugate        | Fluoro594<br>Excitation Wavelength: 593 nm<br>Emission Wavelength: 618 nm |

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-TAB2 Antibody - Fluoro594

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