

## Anti-DUSP18 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A11243-Fluoro594

### About DUSP18

Dual-specificity phosphatases (DUSPs) constitute a large heterogeneous subgroup of the type I cysteine-based protein-tyrosine phosphatase superfamily. DUSPs are characterized by their ability to dephosphorylate both tyrosine and serine/threonine residues. They have been implicated as major modulators of critical signaling pathways. DUSP18 contains the consensus DUSP C-terminal catalytic domain but lacks the N-terminal CH2 domain found in the MKP (mitogen-activated protein kinase phosphatase) class of DUSPs (see MIM 600714) (summary by Patterson et al., 2009 [PubMed 19228121]).

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-DUSP18 Antibody Picoband® Fluoro594 Conjugated  |
| Reactive Species     | Human  |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, IF, 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% 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           | Q8NEJ0   |

### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | E.coli-derived human DUSP18 recombinant protein (Position: M1-Q97).       |
| 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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