

## Anti-Musashi 1/Msi1 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: A05052-1-Fluoro550

### About MSI1

RNA-binding protein Musashi homolog 1 is a protein that in humans is encoded by the MSI1 gene. This gene encodes a protein containing two conserved tandem RNA recognition motifs. Similar proteins in other species function as RNA-binding proteins and play central roles in posttranscriptional gene regulation. Expression of this gene has been correlated with the grade of the malignancy and proliferative activity in gliomas and melanomas. A pseudogene for this gene is located on chromosome 11q13.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Musashi 1/Msi1 Antibody Picoband® Fluoro550 Conjugated  |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | Recommended applications are based on the parent unconjugated antibody (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% Na <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           | O43347   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthetic peptide corresponding to a sequence at the N-terminus of human Musashi 1/Msi1, identical to the related mouse and rat sequences. |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Fluoro550<br>Excitation Wavelength: 562 nm<br>Emission Wavelength: 576 nm  |
| Suggested Dilutions | Optimal dilutions should be determined by end users.   |

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