

## Anti-Hsp90 beta/HSP90AB1 Antibody Picoband® (monoclonal, 7B7F5) Cy3 Conjugated

Catalog Number: M01692-4-Cy3

### About HSP90AB1

Heat shock protein HSP 90-beta, also called HSP90beta, is a protein that in humans is encoded by the HSP90AB1 gene. It is mapped to chromosome 6p21.1. This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. And this gene is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Hsp90 beta/HSP90AB1 Antibody Picoband® (monoclonal, 7B7F5) Cy3 Conjugated                               |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | Flow Cytometry   |
| Clonality            | Monoclonal 7B7F5   |
| 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                 | Mouse  |
| Uniprot ID           | P08238   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthetic peptide corresponding to a sequence at the C-terminus of human Hsp90 beta, identical to the related mouse and rat sequences. |
| Cross Reactivity    | No cross-reactivity with other proteins.   |
| Isotype             | IgG2b  |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Cy3<br>Excitation Wavelength: 554 nm<br>Emission Wavelength: 568 nm  |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.   |

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