

## Anti-Hsp27/HSPB1 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: PB9237-Fluoro647

### About HSPB1

HSPB1 (Heat shock 27kDa protein 1), also known as HSP27, is a protein that in humans is encoded by the HSPB1 gene. HSP27 gene is mapped to 7q11.23. The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN).

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-Hsp27/HSPB1 Antibody Picoband® Fluoro647 Conjugated  |
| Reactive Species     | Human   |
| Application          | Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IP, IF, IHC, IHC-F, 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           | P04792  |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human Hsp27 recombinant protein (Position: M1-K205). Human Hsp27 shares 83% amino acid (aa) sequence identity with mouse Hsp27. |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Fluoro647<br>Excitation Wavelength: 650 nm<br>Emission Wavelength: 665 nm  |
| Suggested Dilutions | Optimal dilutions should be determined by end users.   |

## 1 Publications Citing This Product

1. PubMed ID: 10.1002/jcb.23293, LRRC4 inhibits the proliferation of human glioma cells by modulating the expression of STMN1 and microtubule polymerization

Visit [bosterbio.com/anti-hsp27-picoband-trade-antibody-pb9237-boster.html](http://bosterbio.com/anti-hsp27-picoband-trade-antibody-pb9237-boster.html) to see all 1 publications.

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Hsp27/HSPB1 Antibody - Fluoro647

For Research Use Only. Not for use in diagnostic procedures.