

## Anti-HSPA1L Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A04286-3-Fluoro647

### About HSPA1L

Heat shock 70 kDa protein 1L is a protein that in humans is encoded by the HSPA1L gene on chromosome 6. This gene encodes a 70kDa heat shock protein. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles. The gene is located in the major histocompatibility complex class III region, in a cluster with two closely related genes which also encode isoforms of the 70kDa heat shock protein.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-HSPA1L Antibody Picoband® Fluoro647 Conjugated   |
| Reactive Species     | Human, Mouse, Rat   |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, 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> 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           | P34931  |

### Technical Details

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|---------------------|--|
| Immunogen           | E.coli-derived human HSPA1L recombinant protein (Position: D82-Q614). Human HSPA1L shares 95.3% and 95.1% amino acid (aa) sequence identity with mouse and rat HSPA1L, respectively. |
| Cross Reactivity    | No cross reactivity with other proteins.   |
| Isotype             | 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.   |

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Anti-HSPA1L Antibody - Fluoro647

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