

## Anti-BAG1 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A02423-3-Fluoro594

### About BAG1

BAG family molecular chaperone regulator 1 (BAG1) is a protein that in humans is encoded by the BAG1 gene. Human BAG1 is mapped to chromosome 9p12, a region associated with hereditary disorders that may involve developmental dysregulation of programmed cell death. The Bag1 protein is rich in glutamic acid residues. Its deduced 274-amino acid protein has a calculated molecular mass of 31 KD. Being the BCL-2-associated athanogene, Bag1 enhances the anti-apoptotic effects of BCL2 and represents a link between growth factor receptors and anti-apoptotic mechanisms.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-BAG1 Antibody Picoband® Fluoro594 Conjugated  |
| Reactive Species     | Human  |
| Application          | Recommended applications are based on the parent unconjugated antibody (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% 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                 | Rabbit   |
| Uniprot ID           | Q99933   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthetic peptide corresponding to a sequence at the C-terminus of human BAG1, which shares 91.4% and 88.6% amino acid (aa) sequence identity with mouse and rat BAG1, respectively. |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| 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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Anti-BAG1 Antibody - Fluoro594

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