

Anti-BAG2 Antibody Picoband® (monoclonal, 8F11G2) Fluoro647 Conjugated

Catalog Number: M04933-2-Fluoro647

About BAG2

BAG family molecular chaperone regulator 2 is a protein that in humans is encoded by the BAG2 gene. The predicted BAG2 protein contains 211 amino acids. The BAG domains of BAG1, BAG2, and BAG3 interact specifically with the Hsc70 ATPase domain in vitro and in mammalian cells. All 3 proteins bind with high affinity to the ATPase domain of Hsc70 and inhibit its chaperone activity in a Hip-repressible manner. The functional antagonisms displayed between BAG family proteins and Hip suggest that a proper balance of these 2 types of protein is required for achieving optimal cycles of substrate binding and release required for inducing conformational changes in proteins, with Hip promoting peptide substrate binding by Hsc70/Hsp70 and BAG family proteins promoting dissociation.

Overview

| | |
|----------------------|--|
| Product Name | Anti-BAG2 Antibody Picoband® (monoclonal, 8F11G2) Fluoro647 Conjugated |
| Reactive Species | Human, Mouse |
| Application | Flow Cytometry |
| Clonality | Monoclonal 8F11G2 |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N. |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Mouse |
| Uniprot ID | O95816 |

Technical Details

| | |
|------------------|---|
| Immunogen | E.coli-derived human BAG2 recombinant protein (Position: M1-N211). Human BAG2 shares 93.4% amino acid (aa) sequence identity with mouse BAG2. |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Mouse IgG1 |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro647 Excitation Wavelength: 650 nm |

| | |
|---------------------|--|
| | Emission Wavelength: 665 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

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-BAG2 Antibody (monoclonal, 8F11G2) - Fluoro647

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