

Anti-Ubiquitin/UBB Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PB9122-Fluoro488

About UBB

Ubiquitin (originally, ubiquitous immunopoietic polypeptide) is a small regulatory protein that has been found in almost all tissues (ubiquitously) of eukaryotic organisms. Its gene is mapped to 16p 13.3. The ubiquitin protein itself consists of 76 amino acids and has a molecular mass of about 8.5 kDa. Ubiquitin binds to proteins and labels them for destruction. It directs protein recycling and also direct proteins to other locations in the cell, where they control other protein and cell mechanisms.

Overview

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| Product Name | Anti-Ubiquitin/UBB Antibody Picoband® Fluoro488 Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (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 ₂ HPO ₄ , 0.02% Na ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P0CG47 |

Technical Details

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| Immunogen | E.coli-derived human Ubiquitin recombinant protein (Position: M77-G152). |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm |
| Suggested Dilutions | Optimal dilutions should be determined by end users. |

1 Publications Citing This Product

1. PubMed ID: 33686455, Wang DY, Mou YN, Du X, Guan Y, Feng MG. Ubr1-mediated ubiquitylation orchestrates asexual development, polar growth, and virulence-related cellular events in *Beauveria bassiana*. *Appl Microbiol Biotechnol*. 2021 Mar 8. doi:10.1007/s00253-021-11222-0. Epub ahead of print. PMID:33686455.

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