

Anti-UBE2I/UBC9 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A02295-1-Fluoro647

About UBE2I

SUMO-conjugating enzyme UBC9 (UBE2I), also called UBC9, is a protein that in humans is encoded by the UBE2I gene. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. It is mapped to 16p13.3. UBC9 could fully complement the mutant phenotype of a yeast *ubc9* mutant strain. This gene may play a similar role via interaction with WT1, which is able to impose a block to cell cycle progression in eukaryotic cells. What's more, it could support the growth of yeast *ubc9* temperature-sensitive mutants at nonpermissive temperatures, indicating that the gene is a functional homolog of yeast *ubc9*. UBC9 is specifically associated with FHIT, such as FHIT may be involved in cell cycle control through its interaction with UBC9.

Overview

Product Name	Anti-UBE2I/UBC9 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 ₂ HPO ₄ , 0.02% NaN 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	P63279

Technical Details

Immunogen	E.coli-derived human UBE2I/UBC9 recombinant protein (Position: K65-K146).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-UBE2I/UBC9 Antibody - Fluoro647

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