

## Anti-BubR1/BUB1B Antibody Picoband® (monoclonal, 5I7) Biotin Conjugated

Catalog Number: M01564-2-Biotin

### About BUB1B

Mitotic checkpoint serine/threonine-protein kinase BUB1 beta is an enzyme that in humans is encoded by the BUB1B gene. This gene encodes a kinase involved in spindle checkpoint function. The protein has been localized to the kinetochore and plays a role in the inhibition of the anaphase-promoting complex/cyclosome (APC/C), delaying the onset of anaphase and ensuring proper chromosome segregation. Impaired spindle checkpoint function has been found in many forms of cancer.

### Overview

Product Name	Anti-BubR1/BUB1B Antibody Picoband® (monoclonal, 5I7) Biotin Conjugated
Reactive Species	Human
Clonality	Monoclonal 5I7
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.
Host	Mouse
Uniprot ID	O60566

### Technical Details

Immunogen	E.coli-derived human BubR1/BUB1B recombinant protein (Position: K26-E448).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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