

## Anti-MTUS1 Antibody Picoband® Biotin Conjugated

Catalog Number: A04047-1-Biotin

### About MTUS1

Mitochondrial tumor suppressor 1 (MTSG1) or Microtubule-Associated Scaffold Protein 1 (MTUS1) is a candidate tumor suppressor protein encoded by the MTUS1 gene in humans. It is mapped to 8p22. This gene encodes a protein which contains a C-terminal domain able to interact with the angiotension II (AT2) receptor and a large coiled-coil region allowing dimerization. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the transcript variants has been shown to encode a mitochondrial protein that acts as a tumor suppressor and participates in AT2 signaling pathways. Other variants may encode nuclear or transmembrane proteins but it has not been determined whether they also participate in AT2 signaling pathways.

### Overview

Product Name	Anti-MTUS1 Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
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.
Host	Rabbit
Uniprot ID	Q9ULD2

### Technical Details

Immunogen	E.coli-derived human MTUS1 recombinant protein (Position: D1038-N1236).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
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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