

Anti-Menin/MEN1 Antibody Picoband®

Catalog Number: PB9263

About MEN1

The MEN1 gene encodes menin, a nuclear scaffold protein that regulates gene transcription by coordinating chromatin remodeling. It is mapped to 11q13.1. MEN1 is considered to act as a tumor suppressor gene. It has been found that that MEN1 inactivation by antisense RNA antagonizes transforming growth factor-beta-mediated cell growth inhibition. Overexpression of MEN1 in an inducible cell culture system downregulated the proximal promoter. In vitro studies have shown that MEN1 is localized to the nucleus, possesses two functional nuclear localization signals, and inhibits transcriptional activation by JunD. What's more, MEN1 was essential to maintain MLL-associated myeloid transformation.

Overview

Product Name	Anti-Menin/MEN1 Antibody Picoband®
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Menin/MEN1 Antibody Picoband® catalog # PB9263. Tested in WB applications. This antibody reacts with Human, Mouse. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.01 mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O00255

Technical Details

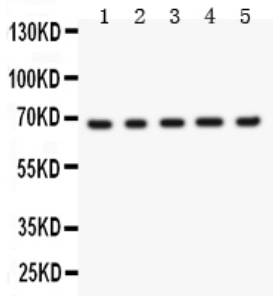
Immunogen	E.coli-derived human Menin recombinant protein (Position: P301-L615). Human Menin shares 93% and 94% amino acid (aa) sequence identity with mouse and rat Menin, respectively.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized

Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5ug/ml, Human, Mouse

Anti-Menin/MEN1 Antibody Picoband® (PB9263) Images



Anti-Menin Picoband antibody, PB9263, Western blotting
lanes: Anti Menin (PB9263) at 0.5ug/ml
WB: Recombinant Human Menin Protein 0.5ng
Predicted bind size: 39KD
Observed bind size: 39KD



Anti-Menin Picoband antibody, PB9263, Western blotting
lanes: Anti Menin (PB9263) at 0.5ug/ml
Lane 1: HELA Whole Cell Lysate at 40ug
Lane 2: 293T Whole Cell Lysate at 40ug
Lane 3: SMMC Whole Cell Lysate at 40ug
Lane 4: HEPA Whole Cell Lysate at 40ug
Lane 5: COLO320 Whole Cell Lysate at 40ug
Predicted bind size: 68KD
Observed bind size: 68KD

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Anti-Menin/MEN1 Antibody

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