

Anti-RNF212B Antibody Picoband®

Catalog Number: A18911

About RNF212B

Predicted to enable SUMO transferase activity. Predicted to be involved in homologous chromosome pairing at meiosis and protein sumoylation. Predicted to be active in synaptonemal complex.

Overview

Product Name	Anti-RNF212B Antibody Picoband®
Reactive Species	Human, Monkey, Mouse
Description	Boster Bio Anti-RNF212B Antibody Picoband® catalog # A18911. Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Monkey, 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	ELISA, Flow Cytometry, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	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 freezing and thawing.
Host	Rabbit
Uniprot ID	A8MTL3

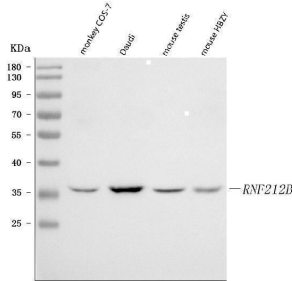
Technical Details

Immunogen	E.coli-derived human RNF212B recombinant protein (Position: R11-R284).
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 µg/ml.
Purification	Immunogen affinity purified.

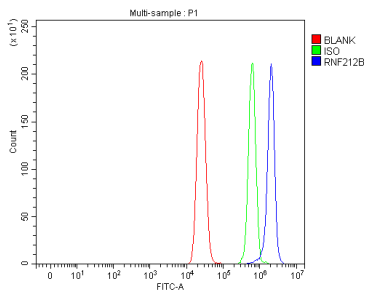
Suggested Dilutions

Western blot, 0.25-0.5 ug/ml, Human, Monkey, Mouse
Flow Cytometry (Fixed), 1-3 ug/1x10⁶ cells, Human
ELISA, 0.1-0.5 ug/ml, -

Anti-RNF212B Antibody Picoband® (A18911) Images



Western blot analysis of RNF212B using anti-RNF212B antibody (A18911). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: monkey COS-7 whole cell lysates, Lane 2: human Daudi whole cell lysates, Lane 3: mouse testis tissue lysates, Lane 4: mouse HBZY whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-RNF212B antigen affinity purified polyclonal antibody (Catalog # A18911) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for RNF212B at approximately 36 kDa. The expected band size for RNF212B is at 33 kDa.



Flow Cytometry analysis of MCF-7 cells using anti-RNF212B antibody (A18911). Overlay histogram showing MCF-7 cells stained with A18911 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-RNF212B Antibody (A18911, 1 ug/1x10⁶ cells) for 30 min at 20°C. DyLight®488 conjugated goat anti-rabbit IgG (BA1127, 5-10 ug/1x10⁶ cells) was used as secondary antibody for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.

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Anti-RNF212B Antibody

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