

## Anti-BAFF Receptor/TNFRSF13C Antibody Picoband®

Catalog Number: A02865-1

### About TNFRSF13C

Tumor necrosis factor receptor superfamily member 13C (TNFRSF13C), also known as BAFFR, is a protein in humans is encoded by the TNFRSF13C gene. The BAFFR gene is mapped to chromosome 22q13.1-q13.31. It has got 184 amino acid transmembrane protein which is 56% identical to the mouse protein. B cell-activating factor (BAFF) enhances B-cell survival in vitro and is a regulator of the peripheral B-cell population. BAFF plays a crucial role in B cell development and can function through receptors other than BCMA.

### Overview

Product Name	Anti-BAFF Receptor/TNFRSF13C Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-BAFF Receptor/TNFRSF13C Antibody Picoband® catalog # A02865-1. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat. 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, WB
Clonality	Polyclonal
Formulation	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
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	Q96RJ3

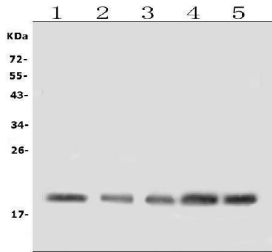
### Technical Details

Immunogen	E. coli-derived human BAFF Receptor recombinant protein (Position: M1-L78).
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.

Suggested Dilutions

Western blot, 0.1-0.5ug/ml  
ELISA, 0.1-0.5ug/ml

## Anti-BAFF Receptor/TNFRSF13C Antibody Picoband® (A02865-1) Images



Western blot analysis of BAFF Receptor using anti-BAFF Receptor antibody (A02865-1). 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 50ug of sample under reducing conditions. Lane 1: human Jurkat whole cell lysates, Lane 2: rat spleen tissue lysates, Lane 3: rat thymus tissue lysates, Lane 4: mouse spleen tissue lysates, Lane 5: mouse thymus tissue lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA 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-BAFF Receptor antigen affinity purified polyclonal antibody (Catalog # A02865-1) 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 1:10000 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 BAFF Receptor at approximately 19KD. The expected band size for BAFF Receptor is at 19KD.

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