

## Anti-TNF Receptor II/TNFRSF1B Antibody Picoband®

Catalog Number: PA1974

### About Tnfrsf1b

TNFRSF1B (Tumor Necrosis Factor Receptor Subfamily Member 1B), also known as TNFR2 or TNFBR, is a protein that in humans is encoded by the TNFRSF1B gene. The protein encoded by this gene is a member of the Tumor necrosis factor receptor superfamily, which also contains TNFRSF1A. By linkage analysis, Santee and Owen Schaub (1996) confirmed the mapping of the TNFR2 gene to 1p36.3-p36.2. TNFBR (TNFR75) is the larger of the 2 TNF receptors. It is present on many cell types, especially those of myeloid origin, and is strongly expressed on stimulated T and B lymphocytes. Beltinger et al. (1996) noted that TNFR2 is the main TNF receptor found on circulating T cells and is the major mediator of autoregulatory apoptosis in CD8+ cells. TNFR2 may act with TNFR1 to kill nonlymphoid cells.

### Overview

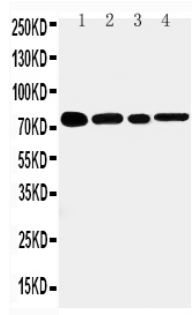
Product Name	Anti-TNF Receptor II/TNFRSF1B Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-TNF Receptor II/TNFRSF1B Antibody catalog # PA1974. Tested in WB applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees 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	WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	P25119

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse TNF Receptor II, different from the related rat sequence by three amino acids.
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, Mouse, Rat

## Anti-TNF Receptor II/TNFRSF1B Antibody Picoband® (PA1974) Images



Anti-TNF Receptor II antibody, PA1974, Western blotting  
Lane 1: Rat Spleen Tissue Lysate  
Lane 2: Rat Brain Tissue Lysate  
Lane 3: Mouse Brain Tissue Lysate  
Lane 4: HEPA Cell Lysate

## 2 Publications Citing This Product

1. PubMed ID: 24845203, Powerful inner/outer controlled multi-target magnetic nanoparticle drug carrier prepared by liquid photo-immobilization
2. PubMed ID: 27275821, Intravenous Administration Is an Effective and Safe Route for Cancer Gene Therapy Using the Bifidobacterium-Mediated Recombinant HSV-1 Thymidine Kinase and Ganciclovir

Visit [bosterbio.com/anti-tnf-receptor-ii-antibody-pa1974-boster.html](http://bosterbio.com/anti-tnf-receptor-ii-antibody-pa1974-boster.html) to see all 2 publications.

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