

Anti-Fas Antibody Picoband™

Catalog Number: PB9180

About Fas

FAS (also known as surface antigen APO1 or CD95) is a member of the tumour-necrosis receptor factor family of death receptors. It acts as an inducer of both neurite growth in vitro and accelerated recovery after nerve injury in vivo. Fas antigen is expressed and functional on papillary thyroid cancer cells and this may have potential therapeutic significance. The FAS antigen shows structural homology with a number of cell surface receptors, including tumor necrosis factor (TNF) receptors and the low-affinity nerve growth factor receptor (NGFR) and is mapped to 10q24.1. And the FAS and FASL system plays a key role in regulating apoptotic cell death and corruption of this signalling pathway has been shown to participate in immune escape and tumorigenesis.

Overview

Product Name	Anti-Fas Antibody Picoband™
Reactive Species	Rat
Description	Boster Bio Anti-Fas Antibody Picoband™ catalog # PB9180. Tested in WB applications. This antibody reacts with Rat.
Application	WB
Clonality	Polyclonal WH-3
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg 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	Q63199

Technical Details

Immunogen	E.coli-derived rat Fas recombinant protein (Position: Q22-E324). Rat Fas shares 52% and 61% amino acid (aa) sequences identity with human and mouse Fas, respectively.
Predicted Reactive Species	Hamster
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross reactivity with other proteins
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Western blot, 0.1-0.5ug/ml, Rat</p>

Anti-Fas Antibody Picoband™ (PB9180) Images



Anti-Fas Picoband antibody, PB9180, Western blotting
All lanes: Anti Fas (PB9180) at 0.5ug/ml
WB: Recombinant Rat Fas Protein 0.5ng
Predicted bind size: 35KD
Observed bind size: 35KD



Anti-Fas Picoband antibody, PB9180, Western blotting
All lanes: Anti Fas (PB9180) at 0.5ug/ml
Lane 1: Rat Spleen Tissue Lysate at 50ug
Lane 2: RH35 Whole Cell Lysate at 40ug
Predicted bind size: 37KD
Observed bind size: 37KD

18 Publications Citing This Product

1. PubMed ID: 26063084, Liu Mw, Su Mx, Zhang W, Zhang Lm, Wang Yh, Qian Cy. Int J Mol Med. 2015 Aug;36(2):386-98. Doi: 10.3892/Ijmm.2015.2241. Epub 2015 Jun 10. Rhodiola Rosea Suppresses Thymus T-Lymphocyte Apoptosis By Downregulating Tumor Necrosis Factor-??-Induced Pro...
2. PubMed ID: 25935138, HSP70 inhibits stress-induced cardiomyocyte apoptosis by competitively binding to FAF1
3. PubMed ID: 28032492, Croton Tiglium Extract Induces Apoptosis via Bax/Bcl-2 Pathways in Human Lung Cancer A549 Cells

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