

## Anti-Fas Antibody Picoband®

Catalog Number: PB9252

### 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 it is mapped to 10q24.1. 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	Human
Description	Boster Bio Anti-Fas Antibody Picoband® catalog # PB9252. Tested in IHC, WB applications. This antibody reacts with Human. 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	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , and 0.05 mg Na <sub>3</sub> N. *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	P25445

### Technical Details

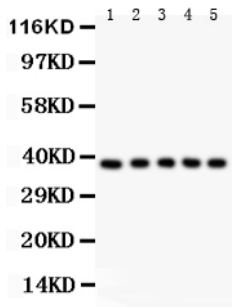
Immunogen	E.coli-derived human Fas recombinant protein (Position: Q26-N173). Human Fas shares 55% and 59% amino acid (aa) sequences identity with mouse and rat Fas, respectively.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western

	blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
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	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human Western blot, 0.1-0.5ug/ml, Human

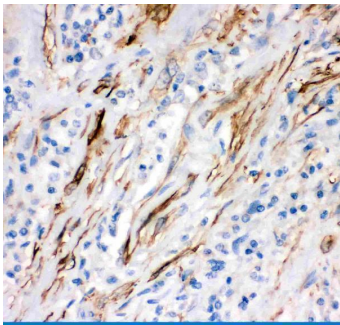
## Anti-Fas Antibody Picoband® (PB9252) Images



Anti-FAS Picoband antibody, PB9252, Western blotting  
lanes: Anti FAS (PB9252) at 0.5ug/ml  
WB: Recombinant Human FAS Protein 0.5ng  
Predicted bind size: 35KD  
Observed bind size: 35KD



Anti-FAS Picoband antibody, PB9252, Western blotting  
lanes: Anti FAS (PB9252) at 0.5ug/ml  
Lane 1: HELA Whole Cell Lysate at 40ug  
Lane 2: JURKAT Whole Cell Lysate at 40ug  
Lane 3: A549 Whole Cell Lysate at 40ug  
Lane 4: SMMC Whole Cell Lysate at 40ug  
Lane 5: K562 Whole Cell Lysate at 40ug  
Predicted bind size: 37KD  
Observed bind size: 37KD



Anti-FAS Picoband antibody, PB9252, IHC(P)  
IHC(P): Human Lung Cancer Tissue

## 24 Publications Citing This Product

1. PubMed ID: PMID:26617948, Significance of Fas and FasL protein expression in cardiac carcinoma and local lymph node tissues
2. PubMed ID: 10.3748/wjg.v16.i10.1274, Clinical significance of Fas and FasL protein expression in gastric carcinoma and local lymph node tissues
3. PubMed ID: 10.1039/C6FO00071A, The effect of geniste on Abeta25-35-induced PC12 cell apoptosis through the JNK-dependent Fas pathway

Visit [bosterbio.com/anti-fas-picoband-trade-antibody-pb9252-boster.html](http://bosterbio.com/anti-fas-picoband-trade-antibody-pb9252-boster.html) to see all 24 publications.

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