Product datasheet

Anti-CD95/FAS Antibody

Catalog Number: *PB9252*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
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Basic Information

Product Name	Anti-CD95/FAS Antibody
Gene Name	FAS
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB, IHC
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
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.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	37,50 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

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.

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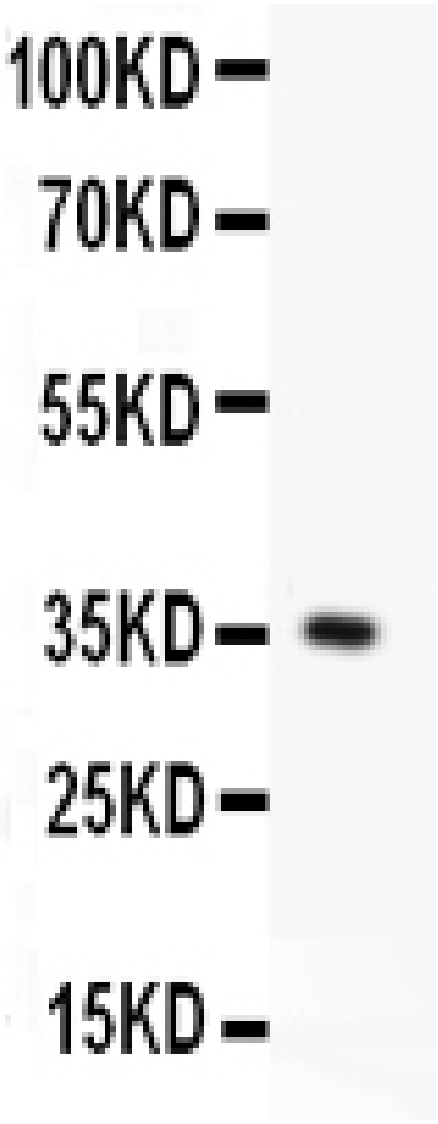
Reference

Anti-CD95/FAS Antibody被引用在8文献中。

Selected Validation Data



Western blot analysis of CD95/FAS using anti-CD95/FAS antibody (PB9252).
Lane 1: recombinant human FAS protein 0.5ng.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-CD95/FAS antigen affinity purified polyclonal antibody (PB9252) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for CD95/FAS at approximately 37,50 kDa.

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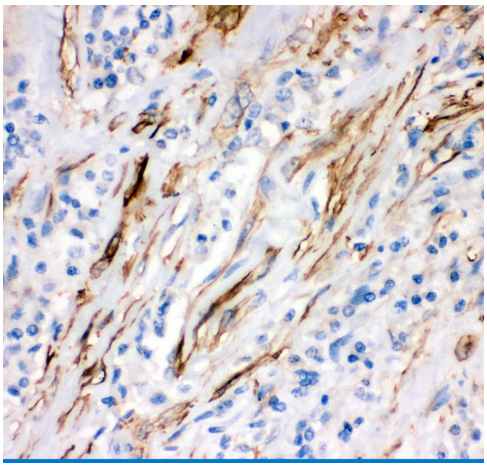

IHC analysis of CD95/FAS using anti-CD95/FAS antibody (PB9252). CD95/FAS was detected in a paraffin-embedded section of human lung cancer tissue. Biotinylated goat anti-rabbit IgG was used as secondary antibody. The tissue section was incubated with rabbit anti-CD95/FAS Antibody (PB9252) at a dilution of 1:200 and developed using Strepavidin-Biotin-Complex (SABC) (Catalog # SA1022) with DAB (Catalog # AR1027) as the chromogen.