

Basic Information

Product Name	Anti-CD95/FAS Antibody	
Gene Name	FAS	
Source	Rabbit	
Clonality	Polyclonal	
Isotype	IgG	
Species Reactivity	mouse, rat	
Tested Application	WB, FCM, ELISA	
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg/ml BSA and 50% glycerol.	
Immunogen	E.coli-derived mouse Fas recombinant protein (Position: E46-K279).	
Concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	37,50 kDa	
Dilution Ratios	Western blot (WB):	1:500-2000
	Flow Cytometry (Fixed):	1:50-200
	Enzyme linked immunosorbent assay (ELISA):	1:100-1000

Storage

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

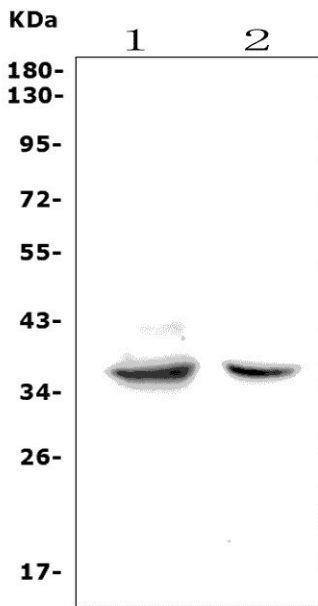
Background Information

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.

Reference

Anti-CD95/FAS Antibody被引用在4文献中。

Selected Validation Data



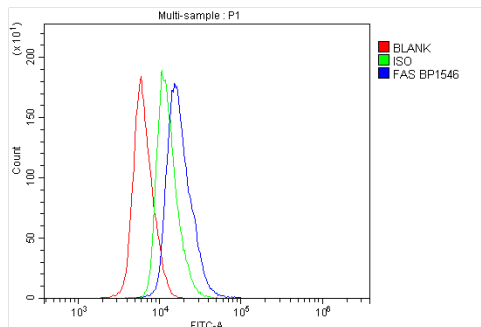
Western blot analysis of CD95/FAS using anti-CD95/FAS antibody (A00055). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: rat thymus tissue lysates,

Lane 2: mouse RAW264.7 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-CD95/FAS antigen affinity purified polyclonal antibody (A00055) 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. The expected band size for CD95/FAS is at 37 kDa.



Flow Cytometry analysis of mouse spleen tissue using anti-CD95/FAS antibody (A00055).

Overlay histogram showing mouse spleen tissue stained with A00055 (Blue line). The tissue was blocked with 10% normal goat serum. And then incubated with rabbit anti-CD95/FAS Antibody (A00055) at 1:100 dilution for 30 min at 20°C. Fluoro488 conjugated goat anti-rabbit IgG (BA1127) was used as secondary antibody at 1:100 dilution for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG at 1:100 dilution used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.

Product datasheet

Anti-CD95/FAS Antibody

Catalog Number: **A00055**



antibody and ELISA experts

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