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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Fas Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9252-Fluoro594

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® Fluoro594 Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
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.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm

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Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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 to see all 24 publications.

Anti-Fas Antibody - Fluoro594

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