

Anti-Fas Antibody Picoband® PE Conjugated

Catalog Number: PB9252-PE

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

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| Product Name | Anti-Fas Antibody Picoband® PE Conjugated |
| Reactive Species | Human |
| Application | Flow Cytometry |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| 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

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| 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 | PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm |

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.

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