

Product datasheet

FITC Anti-Fas antibody [LOB 3/17] ab33227

[1 References](#) [1 Image](#)

Overview

| | |
|----------------------------|---|
| Product name | FITC Anti-Fas antibody [LOB 3/17] |
| Description | FITC Mouse monoclonal [LOB 3/17] to Fas |
| Host species | Mouse |
| Conjugation | FITC. Ex: 493nm, Em: 528nm |
| Tested applications | Suitable for: Flow Cyt |
| Species reactivity | Reacts with: Human, Monkey |
| Immunogen | Fusion protein corresponding to Human Fas. |
| Positive control | HUT78 T cell line. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Store In the Dark. |
| Storage buffer | pH: 7.40 Preservative: 0.09% Sodium azide Constituents: PBS, 1% BSA |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | LOB 3/17 |
| Myeloma | NS1 |
| Isotype | IgG1 |

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab33227 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| Flow Cyt | | 1/1 - 1/10. Use 10µl of the suggested working dilution to label 106 cells in 100µl. |

Target

Function

Receptor for TNFSF6/FASLG. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both. The secreted isoforms 2 to 6 block apoptosis (in vitro).

Tissue specificity

Isoform 1 and isoform 6 are expressed at equal levels in resting peripheral blood mononuclear cells. After activation there is an increase in isoform 1 and decrease in the levels of isoform 6.

Involvement in disease

Defects in FAS are the cause of autoimmune lymphoproliferative syndrome type 1A (ALPS1A) [MIM:601859]; also known as Canale-Smith syndrome (CSS). ALPS is a childhood syndrome involving hemolytic anemia and thrombocytopenia with massive lymphadenopathy and splenomegaly.

Sequence similarities

Contains 1 death domain.
Contains 3 TNFR-Cys repeats.

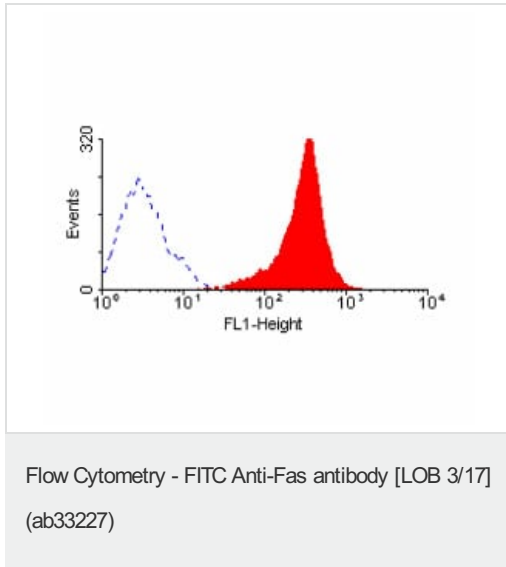
Domain

Contains a death domain involved in the binding of FADD, and maybe to other cytosolic adapter proteins.

Cellular localization

Secreted and Cell membrane.

Images



Ab33227, used neat or at a dilution of 1/10 (and then using 10µl of the suggested working dilution to label 10^6 cells in 100µl), staining CD95 in HUT78 T cell line by Flow Cytometry.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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