abcam

ab289713

Anti-FAS/CD95 antibody [LOB3/17]

Recombinant

Key facts

Isotype	IgG1
Host species	Mouse
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	LOB 3/17
Purification technique	Affinity purification Protein A
Concentration	0.956 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

ICC

Not recommended

Species	Mouse, Rat, Human
Dilution info	-
Notes	-

IP

Not recommended

Species	Mouse, Rat, Human
Dilution info	-
Notes	-

Flow Cyt

Tested

Species	Human
Dilution info	1/1000
Notes	-

Not recommended

Species	Mouse, Rat
Dilution info	-
Notes	-

WB

Not recommended

Species	Mouse, Rat, Human
Dilution info	-
Notes	-

Target data

See full target information FAS/CD95

Function	Receptor for TNFSF6/FASLG. The adapter molecule FADD recruits caspase CASP8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs CASP8 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).

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

What are the advantages of a recombinant monoclonal antibody?
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

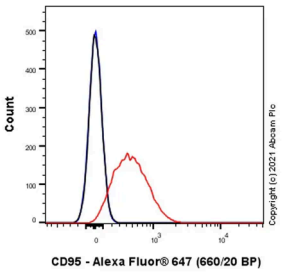
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

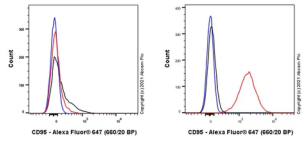
3 product images



Flow Cytometry - Anti-FAS/CD95 antibody [LOB3/17] (ab289713)

FAS/CD95 Flow Cytometry staining using mouse Anti-FAS/CD95 antibody

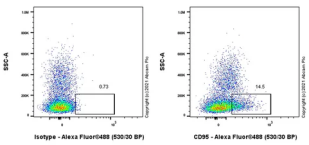
Flow cytometric analysis of Jurkat (Human T cell leukemia T lymphocyte) cells labeling Fas with ab289713 at 1/1000 dilution (Red) compared with a Mouse monoclonal IgG (Black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). Secondary antibody details Goat Anti-Mouse IgG (Alexa Fluor® 647, ab150119), at 1/2000 dilution was used as the secondary antibody.
Gated on viable cells.



Flow Cytometry - Anti-FAS/CD95 antibody [LOB3/17] (ab289713)

FAS/CD95 Flow Cytometry staining using mouse Anti-FAS/CD95 antibody

Flow cytometric analysis of K-562 (Human chronic myelogenous leukemia lymphoblast, Left) / Raji(Human Burkitt's lymphoma B lymphocyte, Right) cells labeling Fas with ab289713 at 1/1000 dilution (Red) compared with a Mouse monoclonal IgG (Black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). Goat Anti-Mouse IgG (Alexa Fluor® 647, ab150119), at 1/2000 dilution was used as the secondary antibody.
Negative control: K-562.
Gated on viable cells.



Flow Cytometry - Anti-FAS/CD95 antibody [LOB3/17] (ab289713)

FAS/CD95 Flow Cytometry staining using mouse Anti-FAS/CD95 antibody

Flow cytometric analysis of human peripheral blood mononuclear cell (PBMC) cells labeling Fas with ab289713 at 1/1000 dilution (right), compared with a Mouse monoclonal IgG (left). Goat Anti-Mouse IgG (Alexa Fluor® 488, ab150113) at 1/2000 dilution was used as the secondary antibody.
Gated on viable cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.