abcam

Product datasheet

Anti-CD27 antibody [LG.3A10] - Low endotoxin, Azide free ab185776

[1 Image](#)

Overview

Product name	Anti-CD27 antibody [LG.3A10] - Low endotoxin, Azide free
Description	Armenian hamster monoclonal [LG.3A10] to CD27 - Low endotoxin, Azide free
Host species	Armenian hamster
Specificity	When the monoclonal antibody LG.3A10 is crosslinked on purified T cells, proliferation is increased. In the absence of crosslinking, the antibody inhibits CD27-CD70 interaction.
Tested applications	**Suitable for:** Flow Cyt
Species reactivity	**Reacts with:** Mouse, Human
Immunogen	The details of the immunogen for this antibody are not available.
Positive control	BALB/c mouse splenocytes.
General notes	Endotoxin Level: Less than 0.001 ng/µg antibody, as determined by the LAL assay.

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.

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

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 long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Constituent: 100% PBS Aqueous buffer, no sodium azide.
Carrier free	Yes
Purity	Affinity purified

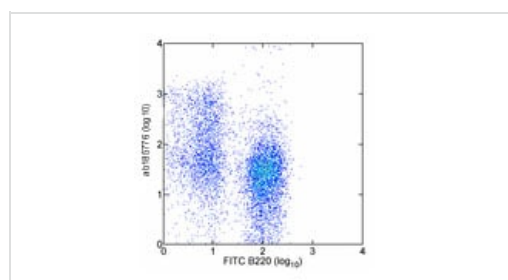|	
Purification notes	Functional grade purified.
Clonality	Monoclonal
Clone number	LG.3A10
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab185776 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		Use 0.25µg for 10^{5-8} cells. In a final volume of 100 µL. **ab18479** - Armenian Hamster monoclonal IgG, is suitable for use as an isotype control with this antibody.

Target

Function	Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1.
Tissue specificity	Found in most T-lymphocytes.
Sequence similarities	Contains 3 TNFR-Cys repeats.
Post-translational modifications	Phosphorylated and O-glycosylated.
Cellular localization	Membrane.

Images

Flow Cytometry - Anti-CD27 antibody [LG.3A10] - Low endotoxin, Azide free (ab185776)

Flow cytometric analysis of BALB/c splenocytes with Anti-Human/Mouse CD45R (B220) FITC and 0.125 µg of ab185776 followed by Anti-Armenian Hamster IgG PE. Total viable cells were analyzed.

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

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