abcam

Product datasheet

FITC Anti-CD28 antibody [PV-1] ab24844

[1 Image](#)

Overview

Product name	FITC Anti-CD28 antibody [PV-1]
Description	FITC Armenian hamster monoclonal [PV-1] to CD28
Host species	Armenian hamster
Conjugation	FITC. Ex: 493nm, Em: 528nm
Tested applications	**Suitable for:** Flow Cyt
Species reactivity	**Reacts with:** Mouse, Human
Immunogen	Tissue, cells or virus corresponding to Mouse CD28. C57BL/6N mouse T cell lymphoma EL4 cell line
General notes	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. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Affinity purified
Clonality	Monoclonal
Clone number	PV-1
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab24844 in the following tested applications.
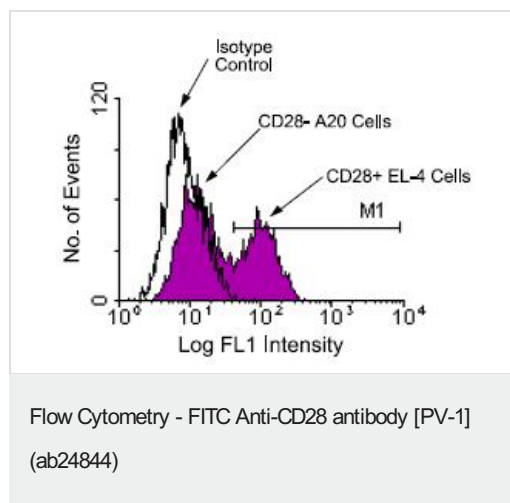
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 3µg for 10^6 cells. **ab18473** - Armenian Hamster monoclonal IgG, is suitable for use as an isotype control with this antibody.

Target

Function	Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.
Tissue specificity	Expressed in T-cells and plasma cells, but not in less mature B-cells.
Sequence similarities	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

Images

Flow Cytometry - FITC Anti-CD28 antibody [PV-1] (ab24844)

ab24844 at a concentration of 3 µg/10^6 cells staining human A 20 (B cell lymphoma cells) and EL-4 cells by flow cytometry. A 50:50 mixture of the A20 B-cell lymphoma and the EL-4 T-cell lymphoma was stained with ab24844. Large cells were gated and analyzed by flow cytometry.

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

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