

Datasheet for ABIN1383845

**anti-CD28 antibody**[Go to Product page](#)**1** Image**5** Publications

## Overview

Quantity:	200 µL
Target:	CD28
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD28 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Functional Studies (Func), Immunohistochemistry (IHC)

## Product Details

Immunogen:	U266 cell line, Myeloma X63/AG.8653 x Balb/c spleen cells
Clone:	B-T3
Isotype:	IgG2a, kappa
Specificity:	Recognises the B7/BB1 receptor (B7/BB1 R), a 44 kDa protein
Purification:	Ion exchange chromatography
Sterility:	0.22 µm filtered
Biological Activity Comment:	Inhibits mixed lymphocyte culture. Co-stimulates T-cell proliferation

## Target Details

Target:	CD28
Alternative Name:	CD28 ( <a href="#">CD28 Products</a> )

## Target Details

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Molecular Weight:	44 kDa
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and preservative free
Preservative:	Without preservative
Storage:	4 °C
Storage Comment:	Stable at +2-8°C for 12 months. For longer storage freeze aliquots.

## Publications

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Product cited in: Vermot-Desroches, Sergent, Bonnin, Wijdenes: "Characterization of monoclonal antibodies directed against trail or trail receptors." in: **Cellular immunology**, Vol. 236, Issue 1-2, pp. 86-91, (2005) ([PubMed](#)).

Roth, Yssel, Pene, Chavez, Schertzer, Lansdorp, Spits, Luiten: "Telomerase levels control the lifespan of human T lymphocytes." in: **Blood**, Vol. 102, Issue 3, pp. 849-57, (2003) ([PubMed](#)).

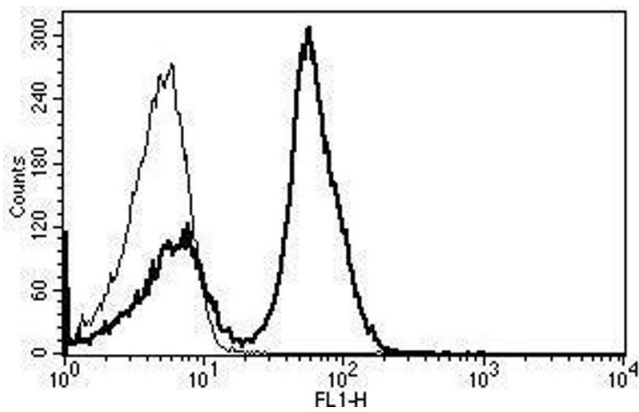
Luiten, Péne, Yssel, Spits: "Ectopic hTERT expression extends the life span of human CD4+ helper and regulatory T-cell clones and confers resistance to oxidative stress-induced apoptosis." in: **Blood**, Vol. 101, Issue 11, pp. 4512-9, (2003) ([PubMed](#)).

Sauce, Bodinier, Garin, Petracca, Tonnelier, Duperrier, Melo, Apperley, Ferrand, Hervé, Lang, Tiberghien, Robinet: "Retrovirus-mediated gene transfer in primary T lymphocytes impairs their anti-Epstein-Barr virus potential through both culture-dependent and selection process-dependent mechanisms." in: **Blood**, Vol. 99, Issue 4, pp. 1165-73, (2002) ([PubMed](#)).

Jourdan, Abbal, Noraz, Hori, Uchiyama, Vendrell, Bousquet, Taylor, Pène, Yssel, Nora: "IL-4 induces functional cell-surface expression of CXCR4 on human T cells." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 160, Issue 9, pp. 4153-7, (1998) ([PubMed](#)).

Images

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**Flow Cytometry**

**Image 1.** A typical staining pattern with the B-T3 monoclonal antibody of lymphocytes