

Product datasheet

APC Anti-Tcl1 antibody [1-21], prediluted ab167133

[1 Image](#)

Overview

Product name	APC Anti-Tcl1 antibody [1-21], prediluted
Description	APC Mouse monoclonal [1-21] to Tcl1, prediluted
Host species	Mouse
Conjugation	APC. Ex: 645nm, Em: 660nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Tcl1.
Positive control	Daudi cells
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.
Storage buffer	pH: 7.20 Constituents: 99% PBS, 0.09% Sodium chloride, 0.2% BSA
Purity	Protein G purified
Clonality	Monoclonal
Clone number	1-21
Isotype	IgG2b
Light chain type	kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab167133 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 5µl for 10 ⁶ cells. ab91534 - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

Target

Function

Enhances the phosphorylation and activation of AKT1, AKT2 and AKT3. Promotes nuclear translocation of AKT1. Enhances cell proliferation, stabilizes mitochondrial membrane potential and promotes cell survival.

Tissue specificity

Restricted in the T-cell lineage to immature thymocytes and activated peripheral lymphocytes. Preferentially expressed early in T- and B-lymphocyte differentiation.

Involvement in disease

Note=Chromosomal aberrations activating TCL1A are found in chronic T-cell leukemias (T-CLL). Translocation t(14;14)(q11;q32); translocation t(7;14)(q35;q32); inversion inv(14)(q11;q32) that involves the T-cell receptor alpha/delta loci.

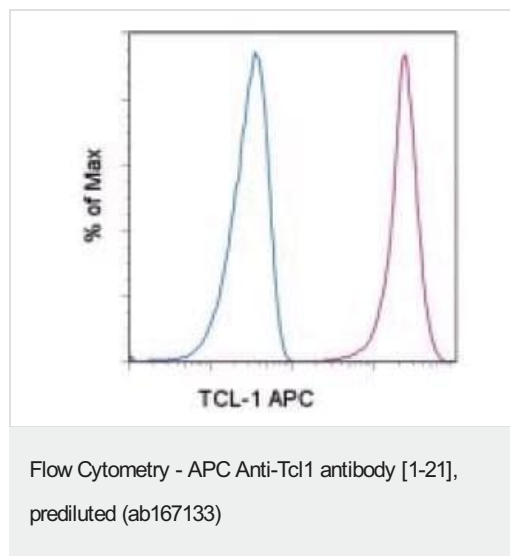
Sequence similarities

Belongs to the TCL1 family.

Cellular localization

Cytoplasm. Nucleus. Microsome. Endoplasmic reticulum. Microsomal fraction.

Images



Flow cytometry analysis showing intracellular staining of Daudi cells using Mouse IgG2b kappa Isotype Control APC (blue) or ab167133 at 5 µl (0.25µg) per test dilution (purple). Total viable cells were used for analysis.

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

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