

[Go to Product page](#)

Datasheet for ABIN2763724

**CD4 FITC - CD28 PE Bi-Test Reagent**

## Overview

Quantity:	50 tests
Target:	CD4 + CD28
Reactivity:	Human
Host:	Mouse
Conjugate:	FITC,PE
Application:	Flow Cytometry (FACS)

## Product Details

Brand:	Bi-Test™
Isotype:	IgG1
Purification:	Protein A/G Chromatography

## Target Details

Target:	CD4 + CD28
Alternative Name:	CD4, CD28
Background:	Identification of CD4 on human helper/inducer T cells expressing the 60,000 M.W. surface antigen (HLA class II reactive). CD4 is present in low density on monocytes. Anti-human CD28 binds the 44 kDa MW cell surface protein on the surface of most T cells. CD28 acts as the ligand for the B7/BB-1 Molecule on the surface of activated B cells. B7/BB-1 co-stimulates T cells through CD28, along with CD2 and CD3. CD28 antigen is a disulfide-linked homodimeric glycoprotein. The CD28 antigen is present on approximately 60 % -80 % of lymphocytes (95 %

## Target Details

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of CD4 and 50 % of CD8 lymphocytes). CD28 regulates the expression of cytokines by T cells, not only IL-2, but also IL-1 alpha and CSF-1, usually synthesized by accessory cells. CD28 functions as a cell adhesion molecule (CAM) for certain T cell subsets.

## Application Details

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Restrictions: For Research Use only

## Handling

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Storage: 4 °C