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Datasheet for ABIN2763694

CD3 FITC - CD28 PE Bi-Test Reagent

Overview

Quantity:	50 tests
Target:	CD3, 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:	CD3, CD28
Background:	<p>The CD3 epitope is expressed on the epsilon chain of the CD3/T cell antigen receptor (TcR) complex. CD3 is expressed on 65-85 % of thymocytes and has a mitogenic effect on peripheral blood T cells. Identification of human T cells expressing the 22-28,000 M. W. surface antigen. Antihuman 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 % of CD4 and 50 % of CD8 lymphocytes). CD28 regulates the expression of</p>

Target Details

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

Restrictions: For Research Use only

Handling

Storage: 4 °C