

Datasheet for ABIN7076643 **anti-CD52 antibody (FITC)**



[Go to Product page](#)

1 Image

Overview

Quantity:	50 tests
Target:	CD52
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD52 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD52 FITC Antibody
Immunogen:	Human peripheral blood lymphocytes
Clone:	CF-1D12
Isotype:	IgG3, kappa
Characteristics:	Clone CF-1D12 recognizes human CD52, a 21-28 kDa glycoprotein whose C-terminus is glyphosphatidylinositol (GPI) anchored within the membrane. It is also known as Cambridge pathology antigen 1 (CAMPATH-1). Binding of CF-1D12 with CD52 induces a potent complement-mediated cytolytic immune response of matured lymphocytes. It is widely expressed on the surface of thymocytes and mature lymphocytes, on monocytes, dendritic cells, eosinophils and epithelial cells of the epididymis and seminal vesicles but not on neutrophils, plasma cells, platelets or erythrocytes.
Purification:	Purified

Product Details

Purity: >95 %

Grade: GMP Grade

Target Details

Target: CD52

Alternative Name: CD52 ([CD52 Products](#))

Gene ID: 921

NCBI Accession: [NM_014207](#)

UniProt: [P06127](#)

Application Details

Application Notes: FC: 5 µL/test We recommend that every lab carries out an initial titration study before running your samples to ensure that the optimal concentration is selected for your application.

Restrictions: For Research Use only

Handling

Format: Liquid

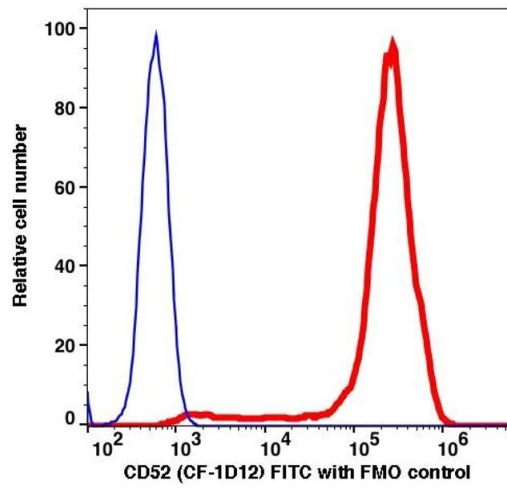
Buffer: PBS, pH 7.2, 0.09 % Sodium azide and 0.2 % (w/v) BSA

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: 2-8°C, Conjugated antibodies should never be frozen.



Flow Cytometry

Image 1. Monocytes gated PBMCs stained with CD52 (ABIN7076643) FITC (RED); Monocytes gated PBMCs are used as FMO control (BLUE).