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Datasheet for ABIN536021
anti-CD52 antibody (APC)

2 Publications

Overview

Quantity:	100 reactions
Target:	CD52
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD52 antibody is conjugated to APC
Application:	Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against native CD52.
Immunogen:	Native purified CD52 from human tonsil.
Clone:	HI186
Isotype:	IgG2b
Specificity:	This antibody reacts with CD52 (CAMPATH-1), a 21-28 KDa glycoprotein containing a large N-linked carbohydrate moiety, mature CD52 Molecule is actually much smaller (approx. 8-9 KDa). CD52 is expressed at high levels on lymphocytes, monocytes/macrophages and in male reproductive tract.
Cross-Reactivity:	Human

Target Details

Target:	CD52
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Target Details

Alternative Name: CD52 / CAMPATH-1 ([CD52 Products](#))

Gene ID: 1043

Application Details

Application Notes: Flow Cytometry (10 μ L in human blood cells 100 μ L in whole blood or 10^6 cells in a suspension)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.2 % BSA, 0.09 % sodium azide)

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: Store in the dark at 4°C. Do not freeze.
Avoid prolonged exposure to light.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Koyama, Ito, Hasegawa: "Role of male reproductive tract CD52 (mrt-CD52) in reproduction." in: **Society of Reproduction and Fertility supplement**, Vol. 63, pp. 103-10, (2007) ([PubMed](#)).

Domaga?a, Kurpisz: "CD52 antigen--a review." in: **Medical science monitor : international medical journal of experimental and clinical research**, Vol. 7, Issue 2, pp. 325-31, (2001) ([PubMed](#)).