

Datasheet for ABIN1112184
anti-CD53 antibody (Biotin)[Go to Product page](#)

2 Publications

Overview

Quantity:	100 tests
Target:	CD53
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD53 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Clone:	HI29
Isotype:	IgG1
Characteristics:	Monoclonal Mouse Anti-Human CD53. The conjugate is provided in liquid form in buffer containing 1% bovine serum albumin (BSA), (Lote: 113K1364/SIGMA) and 0,09% NaN ₃ , pH 7.2.

Target Details

Target:	CD53
Alternative Name:	CD53 (CD53 Products)
Background:	The antigen, 32-40kDa, is a single chain glycoprotein on most leucocytes. There is no cross-reactivity with erythrocytes or platelets. The antibody recognises a broad span of leucocytes of both normal and neoplastic plasma cells.

Application Details

Application Notes:	It is recommended for use in flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 10 µl, 1/100, of the suggested working dilution to label 10 ⁶ cells.
Comment:	BIOTIN (Sigma).
Restrictions:	For Research Use only

Handling

Preservative:	Sodium azide
Precaution of Use:	1. The device is not intended for clinical use including diagnosis, prognosis, and monitoring of a disease state, and it must not be used in conjunction with patient records or treatment. 2. This product contains Sodium azide (NaN ₃), a chemical highly toxic in pure form. At product concentrations, though not classified as hazardous, Sodium azide may react with lead and copper plumbing to form highly explosive build-ups of metal azides. Upon disposal, flush with large volumes of water to prevent metal azide build-up in plumbing. 3. As with any product derived from biological sources, proper handling procedures should be used.
Storage:	4 °C

Publications

Product cited in:	Austin, Trowsdale, Rudd, Bodmer, Feldmann, Lamb: "Functional expression of HLA-DP genes transfected into mouse fibroblasts." in: Nature , Vol. 313, Issue 5997, pp. 61-4, (1985) (PubMed).
	Royston, Omary, Trowbridge: "Monoclonal antibodies to a human T-cell antigen and Ia-like antigen in the characterization of lymphoid leukemia." in: Transplantation proceedings , Vol. 13, Issue 1 Pt 2, pp. 761-6, (1981) (PubMed).