Datasheet for ABIN7077048

anti-FCER2 antibody (PE)

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Overview

Quantity:	100 tests
Target:	FCER2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FCER2 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD23 PE Antibody
Immunogen:	Extracytoplasmic part of CD23 antigen on B lymphocytes and monocytes
Clone:	HD50
Isotype:	IgG2b, kappa
Characteristics:	The clone HD50 is a mouse monoclonal antibody selectively binds with the 45 kD type II integral membrane glycoprotein having a low-affinity receptor for immunoglobulin (Ig)E commonly known as CD23 or FcεRII. CD23 is the only FcR which does not belong to the immunoglobulin gene superfamily and is expressed on mature B cells, monocytes, eosinophils, platelets and dendritic cells. Similar to the most FcR, soluble forms of CD23 (sCD23) are released into extracellular fluids. CD23 interacts with CD21, CD11b and CD11c indicates that CD23 should be viewed not only as a low affinity IgE receptor but also as an adhesion molecule involved in cell-cell interaction. Presence of cell surface and soluble CD23 in serum is

Product Details

	considered as one of the prognostic markers of chronic lymphocytic leukemia (CLL).
Purification:	Purified
Purity:	>95 %
Grade:	GMP Grade

Target Details

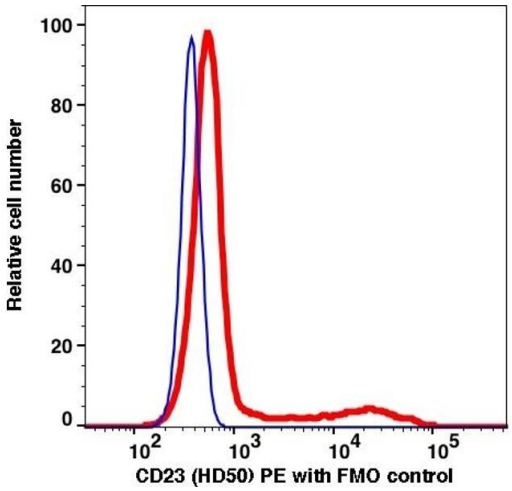
Target:	FCER2
Alternative Name:	CD23 (FCER2 Products)
Gene ID:	2208
UniProt:	P06734
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) 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:	2-8°C, Conjugated antibodies should never be frozen.



Flow Cytometry

Image 1.