

Datasheet for ABIN7077616
anti-ZAP70 antibody (AA 247-382) (PE)



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1 Image

Overview

Quantity:	100 tests
Target:	ZAP70
Binding Specificity:	AA 247-382
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ZAP70 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Zap70 PE Antibody
Immunogen:	Recombinant fragment of human ZAP70 protein (around aa 247-382)
Clone:	C-D12
Isotype:	IgG1, kappa
Characteristics:	The clone C-D12, a mouse monoclonal antibody selectively binds with the 70kd tyrosine phosphoprotein known as ZAP-70 which is usually associated with the ζ -chain CD3-receptor-associated protein tyrosine kinase (PTK). It is a member of the Syk family that is localized exclusively to the cytosol of T cells and natural killer (NK) cells and is required for their cellular activation. It is generally considered the T-lymphocyte counterpart of Syk, a B-cell receptor (BCR)-associated kinase that belongs to the same PTK family and plays a similar role in the antigen receptor signaling in the B-lineage cells. It facilitates the upregulation of Fas ligand in

Product Details

activation-induced T cell apoptosis. ZAP-70 expression plays an important role in the clinical diagnosis of various types of hematologic malignancies.

Purification: Purified

Purity: >95 %

Grade: GMP Grade

Target Details

Target: ZAP70

Alternative Name: Zap70 ([ZAP70 Products](#))

Gene ID: 7535

UniProt: [P43403](#)

Pathways: [TCR Signaling, Ubiquitin Proteasome Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

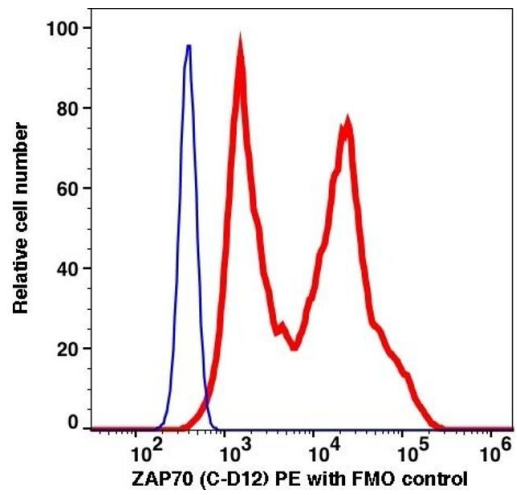
Buffer: PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide

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.