Human Survivin PE-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 91630

Catalog Number: IC6472P

100 TESTS

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Survivin in direct ELISAs.
Source	Monoclonal Mouse IgG_1 Clone # 91630
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human Survivin Met1-Asp142 Accession # O15392
Conjugate	Phycoerythrin Excitation Wavelength: 488 nm Emission Wavelength: 565-605 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

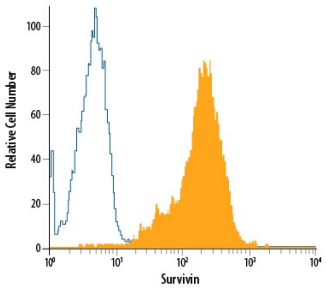
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	10 µL/10^6 cells	See Below

DATA

Intracellular Staining by Flow Cytometry



Detection of Survivin in Human Blood Lymphocytes by Flow Cytometry. Human peripheral blood lymphocytes were stained with Mouse Anti-Human Survivin PE-conjugated Monoclonal Antibody (Catalog # IC6472P, filled histogram) or isotype control antibody (Catalog # IC002P, open histogram). To facilitate intracellular staining, cells were fixed with Flow Cytometry Fixation Buffer (Catalog # FC004) and permeabilized with Flow Cytometry Permeabilization/Wash Buffer I (Catalog # FC005). View our protocol for Staining Intracellular Molecules.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** • 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Survivin is a member of the Inhibitor of Apoptosis (IAP) family and can inhibit apoptosis induced by a variety of factors. It is expressed in most human cancers but not in normal adult tissues. Survivin is expressed in a cell cycle-dependent manner and associates with the mitotic apparatus.

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