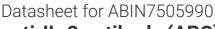
antibodies .- online.com







anti-IL-2 antibody (APC)

Images



Overview

Quantity:	100 tests
Target:	IL-2 (IL2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-2 antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

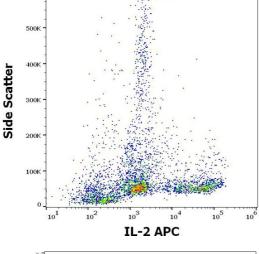
Purpose:	Anti-Hu IL-2 APC
Immunogen:	recombinant human IL-2
Clone:	35C3
Isotype:	IgG2b kappa
Specificity:	The mouse monoclonal antibody 35C3 recognizes human interleukin 2 (IL-2, secreted or intracellular).
Purification:	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

_	()	
Target:	IL-2 (IL2)	

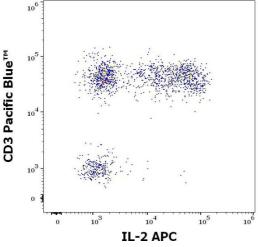
Target Details

rarget betails		
Alternative Name:	IL-2 (IL2 Products)	
Background:	Interleukin 2,IL-2 (interleukin 2) is a cytokine that is produced primarily by stimulated Th cells and its crucial role is induction of T cell proliferation. However, IL-2 also stimulates growth and differentiation of B cells, NK cells, monocytes and other cell types, such as LAK cells or oligodendrocytes and is one of the key molecules of the immune system. IL-2 signaling pathways lead to induction of Bcl-2 protein.,Interleukin 2	
Gene ID:	3558	
UniProt:	P60568	
Pathways:	JAK-STAT Signaling, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Activated TCell Proliferation	
Application Details		
Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 μ L reagent / 100 μ L of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. Intracellular staining.	
Restrictions:	For Research Use only	
Handling		
Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM 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 at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	



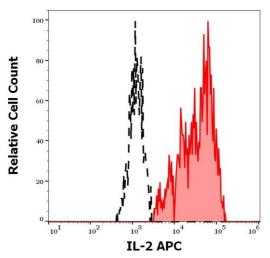
Flow Cytometry

Image 1. Flow cytometry intracellular staining pattern of PMA + Ionomycin stimulated and Brefeldin A treated human peripheral whole blood stained using anti-human IL-2 (35C3) APC antibody (10 μL reagent / 100 μL of peripheral whole blood).



Flow Cytometry

Image 2. Flow cytometry multicolor surface staining pattern of PMA + Ionomycin stimulated and Brefeldin A treated human lymphocytes using anti-human CD3 (UCHT1) Pacific Blue antibody (4 µL reagent / 100 µL of peripheral whole blood) and intracellular staining using anti-human IL-2 (35C3) APC antibody (10 μ L reagent / 100 μ L of peripheral whole blood).



Flow Cytometry

Image 3. Separation of human IL-2 positive CD3 positive lymphocytes (red-filled) from IL-2 negative CD3 negative lymphocytes (black-dashed) in flow cytometry analysis (intracellular staining) of PMA + Ionomycin stimulated and Brefeldin A treated human peripheral whole blood stained using anti-human IL-2 (35C3) APC antibody (10 µL reagent / 100 µL of peripheral whole blood).