

Datasheet for ABIN7077251
anti-CD45 antibody (iFluor™ 488)



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1 Image

Overview

Quantity:	100 tests
Target:	CD45 (PTPRC)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD45 antibody is conjugated to iFluor™ 488
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD45 iFluor488 Antibody
Immunogen:	Human PBMC
Clone:	2D1
Isotype:	IgG1, kappa
Characteristics:	The clone 2D1, a mouse monoclonal antibody, recognizes a hematopoietic cell surface glycoprotein antigen with a molecular weight of 180-220 kDa known as CD45. It is present on all human leukocytes including lymphocytes, monocytes, granulocytes, eosinophils, and basophils in peripheral blood. CD45 has a role in signal transduction, modifying signals from other surface molecules. 2D1 has been reported to react weakly with mature circulating erythrocytes and platelets. The antibody also recognizes the human leukocyte common antigen found on cells from spleen, lymph nodes, bone marrow cells and granulocytes.
Purification:	Purified

Product Details

Purity: >95 %

Grade: GMP Grade

Target Details

Target: CD45 (PTPRC)

Alternative Name: CD45 ([PTPRC Products](#))

Gene ID: 5788

NCBI Accession: [NM_002838](#)

UniProt: [P08575](#)

Pathways: [TCR Signaling](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [CXCR4-mediated Signaling Events](#), [BCR Signaling](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

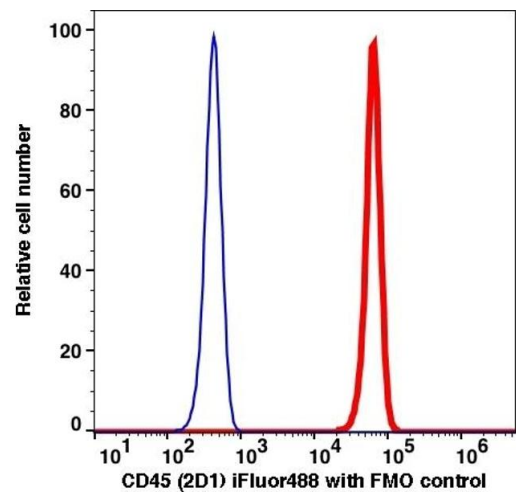
Buffer: PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide

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.