

Datasheet for ABIN135225
anti-CD45 antibody (SPRD)



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1 Image

Overview

Quantity:	0.1 mg
Target:	CD45 (PTPRC)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD45 antibody is conjugated to SPRD
Application:	Flow Cytometry (FACS)

Product Details

Brand:	Spectral Red [™]
Immunogen:	T1M1 (Thy-1-c) cells
Clone:	I3-2-3
Isotype:	IgG2b
Specificity:	Mouse CD45 (all isoforms), Mr 180-240 kDa
Characteristics:	Rat Anti-Mouse CD45-SPRD

Target Details

Target:	CD45 (PTPRC)
Alternative Name:	CD45 (PTPRC Products)
Background:	CD45 is the common leukocyte antigen and is expressed on all cells of hematopoietic origin

Target Details

except erythrocytes. CD45 exists as a number of different isoforms which result from alternative RNA splicing of exons 4, 5 and 6.

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:

- **Applications:** FC - Quality tested , IHC-FS - Reported in literature , IP - Reported in literature
- **Working Dilutions:** Flow Cytometry FITC, BIOT, AF488, and PACBLU conjugates 1 g/106 cells PE, PE/TXRD, APC, SPRD, APC/CY7, PE/CY5.5, PE/CY7, 0.2 g/106 cells AF647, and AF700 conjugates For flow cytometry, the suggested use of these reagents is in a final volume of 100 L

Sample Volume: 1 mL

Restrictions: For Research Use only

Handling

Concentration: 0.1 mg/mL

Buffer: 0.1 mg in 1.0 mL of PBS/Sodium azide and a stabilizing agent

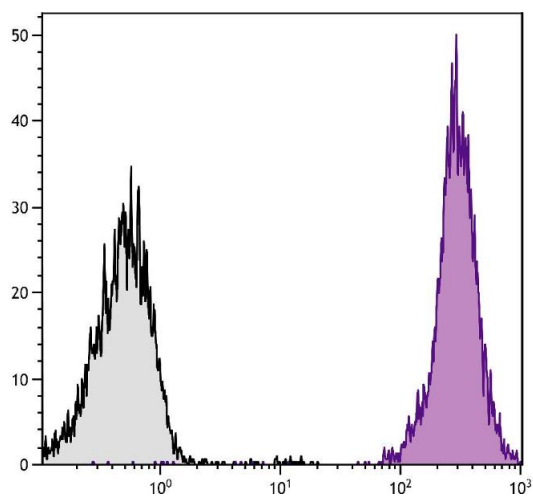
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: **Do not freeze!**
Protect conjugated products from light.
Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C

Storage Comment: Store at 2-8°C



Flow Cytometry

Image 1. BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45-SPRD.