

Datasheet for ABIN2663485
anti-CD45RB antibody (PE)



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Overview

Quantity:	100 tests
Target:	CD45RB
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD45RB antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Clone:	MEM-55
Isotype:	IgG2b kappa
Purification:	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated antibody.

Target Details

Target:	CD45RB
Alternative Name:	CD45RB (CD45RB Products)
Background:	CD45RB is a 180-240 kD single chain type I membrane glycoprotein. It is an exon 5 splice variant of the tyrosine phosphatase CD45. The CD45RB isoform is expressed on thymocytes, T cell subsets, B cells, monocytes/macrophages, granulocytes, and dendritic cells. CD45RB enhances both T cell receptor and B cell receptor signaling mediated activation. CD45 and its

Target Details

isoforms non-covalently associate with lymphocyte phosphatase-associated phosphoprotein (LPAP) on T and B lymphocytes. CD45 has been reported to be associated with several other cell surface antigens including CD1, CD2, CD3, and CD4. CD45 has also been reported to bind galectin-1. CD45 isoform expression can change in response to cytokines. The MEM-55 antibody recognizes a silaidase-sensitive epitope of CD45.

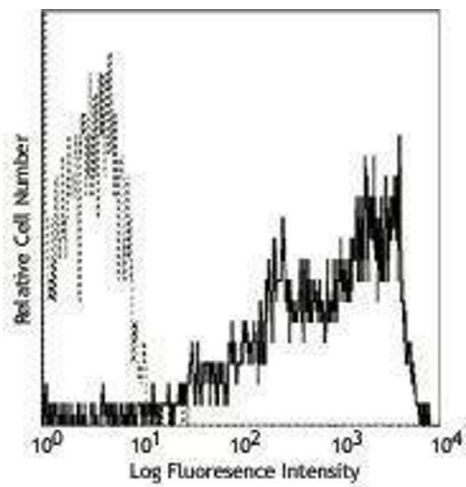
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .
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:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.