

Product datasheet for **CL029RX**

CD45 / LCA (CD45RB) Rat Monoclonal Antibody [Clone ID: 16A]

Product data:

Product Type:	Primary Antibodies
Clone Name:	16A
Applications:	FC
Recommended Dilution:	Flow cytometry. Immunohistochemistry on Acetone-Fixed Frozen Sections Immunohistochemistry on Paraffin Embedded Sections. Immunoprecipitation.

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: BALB/c

Cell Concentration: 1x10⁶ cells per test

Antibody Dilution Used: 0.5 µg/10⁶ cells

Percentage of cells stained above control:

Thymus 96.8%

Spleen 76.6%

Lymph Node 66.5%

Bone Marrow 29.2%

Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	T _H 2 cell clones, final boost with T _H 2 clone D10. Fusion Partner: Ag8.653
Specificity:	Anti-Mouse CD45RB monoclonal antibody reacts with the CD45 isoform containing the exon B dependent epitope. CD45RB is highly expressed on peripheral B cells, cytotoxic T cells, a subset of T helper cells and most thymocytes.



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Formulation:	PBS containing EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml Label: PE State: Liquid purified IgG fraction Preservative: 0.02% Sodium Azide Label: R - Phycoerythrin
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	PE
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	protein tyrosine phosphatase, receptor type, C
Database Link:	Entrez Gene 19264 Mouse P06800
Synonyms:	PTPRC, Leukocyte common antigen, L-CA, T200

Product images: