

## **Product datasheet for CL029R**

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## 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: 1x10e6 cells per test Antibody Dilution Used: 0.5 µg/10e6 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:**  $T_{H2}$  cell clones, final boost with  $T_{H2}$  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 thymoctyes.



### CD45 / LCA (CD45RB) Rat Monoclonal Antibody [Clone ID: 16A] - CL029R

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.

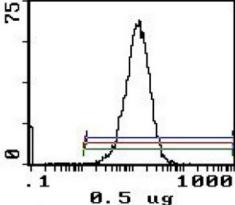
**Gene Name:** protein tyrosine phosphatase, receptor type, C

Database Link: Entrez Gene 19264 Mouse

P06800

**Synonyms:** PTPRC, Leukocyte common antigen, L-CA, T200

# **Product images:**



Cell Source: Thymus