

## Product datasheet for **CL029R**

### 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: 1x10<sup>6</sup> cells per test

Antibody Dilution Used: 0.5 µg/10<sup>6</sup> 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<sub>H</sub>2 cell clones, final boost with T<sub>H</sub>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. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	protein tyrosine phosphatase, receptor type, C
Database Link:	<a href="#">Entrez Gene 19264 Mouse P06800</a>
Synonyms:	PTPRC, Leukocyte common antigen, L-CA, T200

**Product images:**