



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Conveniently Delivering You Today's Innovations  
for the Science of Tomorrow™

**Anti-Mouse CD45  
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
<b>CL8988AP</b>	Purified	250ug	1.0 mg/ml	CLCR100
<b>CL8988B</b>	Biotin	100ug	0.1 mg/ml	CLCR115
<b>CL8988B-3</b>	Biotin	300ug	0.1 mg/ml	CLCR115
<b>CL8988F</b>	FITC	100ug	0.1 mg/ml	CLCR101
<b>CL8988F-3</b>	FITC	300ug	0.1 mg/ml	CLCR101
<b>CL8988PE</b>	PE	50ug	0.1 mg/ml	CLCR104
<b>CL8988PE-3</b>	PE	300ug	0.1 mg/ml	CLCR104

Isotype: Rat IgG<sub>1</sub>

**DESCRIPTION:**

Cedarlane's anti-mouse CD45 monoclonal antibody detects CD45 (L-CA) which is a transmembrane phosphotyrosine phosphatase expressed on leukocytes. This mAb induces the *in vitro* clustering of mouse lymphocytes (both T and B cells).

Applications for this clone include immunohistochemistry (acetone-fixed frozen sections), flow cytometry and immunoprecipitation

**PRESENTATION:**

**5mg @ 1mg/ml**

**Purified:** Purified IgG buffered in PBS and 0.02% NaN<sub>3</sub>. (Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.

**Biotin, FITC and PE:** Biotin/FITC/PE conjugated IgG buffered in PBS, 0.02% NaN<sub>3</sub> and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.

**STORAGE/STABILITY:**

For all formats, store at 4°C. DO NOT FREEZE **PE** conjugates. For long term storage (**Purified, Biotin and FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

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1210 Turrentine Street, Burlington, NC 27215 ph: (336) 513-5135, fax: (336) 513-5138  
e-mail: [service@cedarlanelabs.com](mailto:service@cedarlanelabs.com)

**SPECIFICATIONS:**

Clone: IBL-5/25

Hybridoma Production:

Immunization: Immunogen: IL-3 dependent mast cells derived from WB- +/+ mice  
Donor: Wistar spleen

Fusion Partner: X63.653. Ag8

Specificity: Mouse CD45 (L-CA)

**TEST RESULTS:**

Mouse Strain: BALB/c

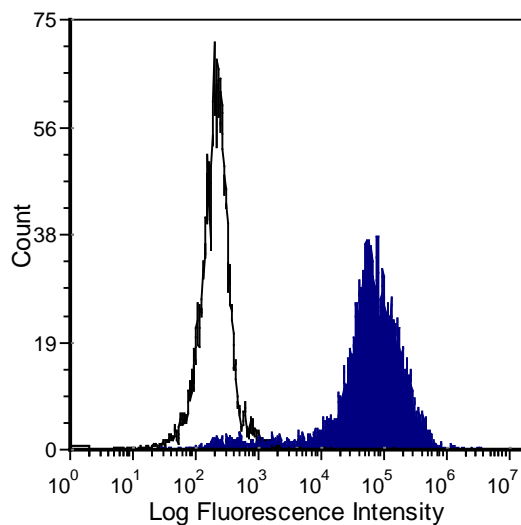
Cell Concentration:  $1 \times 10^6$  cells per tests

Antibody Concentration Used:  $0.1 \mu\text{g}/10^6$  cells,

Cell Source

Mesenteric Lymph Node

Percentage of cells stained above control:  
99.8%



C3H/HE mouse splenocytes were stained with anti-CD45 (clone: IBL-5/25) (filled histogram) or rat IgG1 isotype control (open histogram).

**N.B. Appropriate control samples should always be included in any labeling studies.**

**\* For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for individual use.**

**REFERENCES:**

1. Balazas M, Horvath G, Balogh P. Simple determination of donor/host origin and donor leukocyte subsets in rat-mouse chimeras. *J Immunol Methods*. 1998 218:117-21.
2. Balogh P, Kumanovics A, Juhasz I. Studies on the tissue-related phenotypic heterogeneity of murine B cells. *Dev Immunol*. 1998 6: 179-85.

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