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SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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for the Science of Tomorrow™

**Purified Mouse anti-Human CD45 (LCA)
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
CLX48AP	Purified	100 µg	1.0 mg/ml	CLCMG100
CLX48APC	APC	100 Tests	100 Tests	CLCMG105
CLX48B	Biotin	100 µg	1.0 mg/ml	CLCMG115
CLX48F	FITC	100 Tests	100 Tests	CLCMG101
CLX48PE	PE	100 Tests	100 Tests	CLCMG104

Isotype: Mouse IgG₁

DESCRIPTION:

The antibody MEM-28 reacts with all alternative forms of human CD45 antigen (Leukocyte Common Antigen), a 180-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes and platelets.

PRESENTATION:

Purified: Purified IgG buffered in PBS and 15mM NaN₃, approx. pH 7.4 (Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.

Biotin, FITC, APC and PE: Biotin/FITC/APC/PE conjugated IgG buffered in PBS, 15mM NaN₃.

FITC, APC and PE: 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) as a stabilizing agent.

STORAGE/STABILITY:

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

APPLICATION:

This antibody is suitable for use in Immunohistochemistry, Western Blotting and Flow Cytometry.

SPECIFICATIONS:

Clone: MEM-28

Hybridoma Production:

Immunogen: Human thymocytes and T lymphocytes.

Specificity: This antibody is specific for human CD45 (LCA)

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.**

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LABORATORY REAGENT FOR RESEARCH USE ONLY

MW 04/16/15