



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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

**Anti-Human CD70  
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
<b>CL7625AP</b>	Purified	200µg	1.0 mg/ml	CLCMG100
<b>CL7625B</b>	Biotin	100µg	0.1 mg/ml	CLCMG115
<b>CL7625F</b>	FITC	100µg	0.1 mg/ml	CLCMG101
<b>CL7625PE</b>	PE	50µg	0.1 mg/ml	CLCMG104

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

**DESCRIPTION:**

Cedarlane's anti-Human CD70 monoclonal antibody specifically binds human CD70. CD70 is a 30 kDa CD27 receptor ligand. CD70 and CD27 are from the tumour necrosis factor receptor superfamily 7. Proliferation and apoptosis can be induced by activation of the receptor. T cell proliferation induced by dendritic cells is inhibited by the BU69 clone.

**PRESENTATION:**

**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, 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 Flow Cytometry, Immunohistochemistry (Frozen Sections) and Immunoprecipitation.

*Continued Overleaf.....*

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**SPECIFICATIONS:**

Clone: BU69

Hybridoma Production:

Immunization:

Immunogen: Waldenstroms macroglobulinemia cell line WM-1

Donor: BALB/c mice

Fusion Partner: Mouse myeloma cell line NS1

Specificity: This antibody is specific for human CD70.

**TEST RESULTS:**

Tissue Distribution by Flow Cytometry Analysis:

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

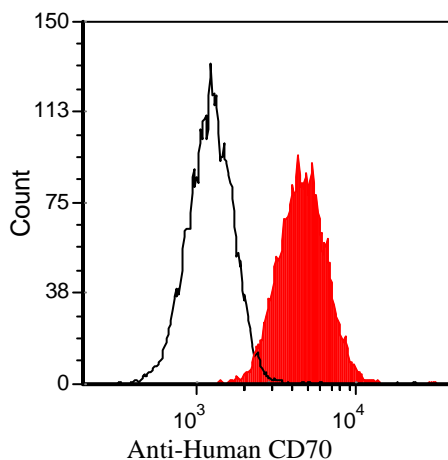
Antibody Concentration Used:  $1.0 \mu\text{g}/10^6$  cells

Cell Source

Raji Cells

Percentage of cell stained above control:

95.8%



**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. Ito T, Inaba M, Inaba K, Toki J, Sogo S, Iguchi T, Adachi Y, Yamaguchi K, Amakawa R, Valladeau J, Saeland S, Fukuhara S, Ikehara S. A CD1a+/CD11c+ subset of human blood dendritic cells is a direct precursor of Langerhans cells. *J Immunol.* Aug 1;163(3):1409-19. 1999

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