



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### 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 Integrin alphaE/beta7 (CD103)  
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
<b>CL7615AP</b>	Purified	200µg	1.0 mg/ml	CLCMG100
<b>CL7615B</b>	Biotin	100µg	0.1 mg/ml	CLCMG115
<b>CL7615F</b>	FITC	100µg	0.1 mg/ml	CLCMG101
<b>CL7615PE</b>	PE	50µg	0.1 mg/ml	CLCMG104
<b>CL7615APC</b>	APC	100µg	0.1 mg/ml	CLCMG105

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

**DESCRIPTION:**

Cedarlane's Anti-Human Integrin alphaE/beta7 (CD103) monoclonal antibody binds Human Integrin alphaE/beta7 (CD103), an 87 KDa transmembrane protein involved in bridging cell-cell and cell-extracellular matrix (ECM) interactions during immune response. Integrin alphaE/beta7 is expressed on leukocytes including Peripheral Blood Mononuclear Cells (PBMCs).

**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/PE/APC:** Biotin, FITC, PE and APC 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** and **APC** 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 and Immunoprecipitation.

*Continued...*

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**SPECIFICATIONS:**

Clone: BP6

Hybridoma Production:

Immunization: Mouse monoclonal antibodies raised against Hairy cell spleen lysate.

Specificity: This antibody is specific for human Integrin alphaE/beta7 (CD103)

**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. Micklem, KingsleyJ, et al. HML-1 antigen on mucosa-associated T cells, activated cells, and hairy leukemic cells is a new integrin containing the beta 7 subunit. The American journal of pathology 139(6): 1297-1301. 1991.
2. Peter S, Linsley, et al. Binding of the B Cell Activation Antigen B7 to CD28 Costimulates T Cell Proliferation and Interleukin 2 mRNA Accumulation. J. Exp. Med. 173: 721-730. 1991.

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