



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

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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) 

CD100 (Semaphorin-4D); Clone A8 (Concentrate)

Availability/Contents:	<u>Item #</u>	<u>Volume</u>
	RA0493-C.1	0.1 ml
	RA0493-C.5	0.5 ml
	RA0493-C1	1 ml

Description:

Species:	Mouse
Immunogen:	PHA stimulated human peripheral blood lymphocytes
Clone:	A8
Isotype:	IgG1, kappa
Entrez Gene ID:	10507
Hu Chromosome Loc.:	9q22.2
Synonyms:	COLL4; Collapsin4; GR3; M sema G; MSEMA; SEMA4D; Semacl2; SemaH; SEMAJ; Semaphorin C like 2; Semaphorin H; Semaphorin J; Semaphorin-4D; Semcl2
Mol. Weight of Antigen:	50kDa (Monomer)
Format:	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide.
Specificity:	Recognizes a homodimeric protein comprised of 50kDa subunits, identified as CD100.
Background:	CD100 is expressed on majority of haemopoietic cells (B, T, NK and myeloid cells) and is absent from bone marrow, erythrocytes, eosinophils and endothelial cells. Its expression is increased after PHA-activation. CD100 was shown to associate with different partner molecules in T cells such as CD45, a key molecule with protein tyrosine phosphatase activity involved in T-cell transduction, and a Serine kinase. It plays a role in homotypic cell adhesion and in T cell activation.
Species Reactivity:	Human, Monkey and Mouse. Others not-tested.
Positive Control:	Daudi, Raji, HUT-78, Kg1a, U937, and human lymphocytes. Human tonsils and lymph nodes.
Cellular Localization:	Cell surface.
Titer/ Working Dilution:	Flow Cytometry: 1-2 µg/million cells Immunofluorescence: 1-2 µg/ml Optimal dilution for a specific application should be determined by user.
Microbiological State:	This product is not sterile.

Storage: 2° C  8° C



ScyTek Laboratories, Inc.
 205 South 600 West
 Logan, UT 84321
 U.S.A.

CE

EC REP
 Emergo Europe
 Prinsessegracht 20
 2514 AP The Hague, The Netherlands

Uses/Limitations: Not to be taken internally.
For Research Use Only.
Do not use if reagent becomes cloudy.
Do not use past expiration date.
Non-Sterile.

Ordering Information and Current Pricing at www.scytek.com

Procedure:


1. Optimal dilution and procedure for a specific application should be determined by user.


Precautions: Contains Sodium Azide as a preservative (0.09% w/v).
Do not pipette by mouth.
Avoid contact of reagents and specimens with skin and mucous membranes.
Avoid microbial contamination of reagents or increased nonspecific staining may occur.
This product contains no hazardous material at a reportable concentration according to U.S. 29 CFR 1910.1200, OSHA Hazardous Communication Standard and EC Directive 91/155/EC.

References:

1. Hall K, et al. 1996. P. Natl. Acad. Sci. USA 93:11780.
2. Mizrahi S, et al. 2007. PLoS One. 2(9):e818.
3. Yoshino N, et al. 2000. Exp. Anim. (Tokyo) 49:97. (FC)
4. Schlossman SL Bloumsell W Gilks et al. eds. 1995. Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press New York.
5. Bougeret CIG Mansur H Dastot et al. 1992. Increased surface expression of a newly identified 150 kDa dimer early after human T lymphocyte activation. J. Immunol. 148:318.
6. Knapp WB Dorken EP. Rieber et al, eds. 1989. Leucocyte Typing IV: White Cell Differentiation Antigens. Oxford University Press New York.

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