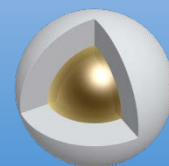
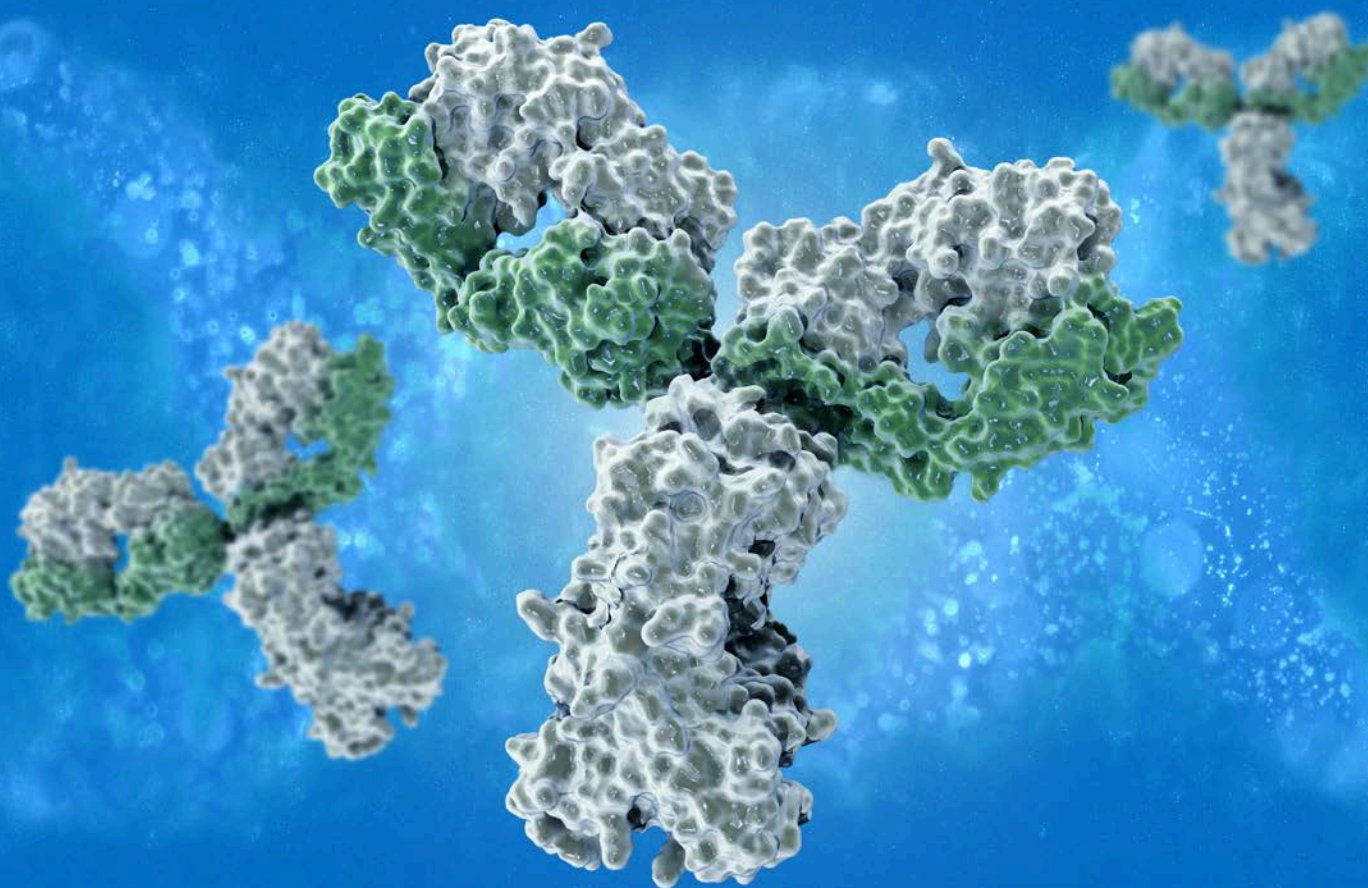


SunShell



C4-100

For Separation of Monoclonal Antibody



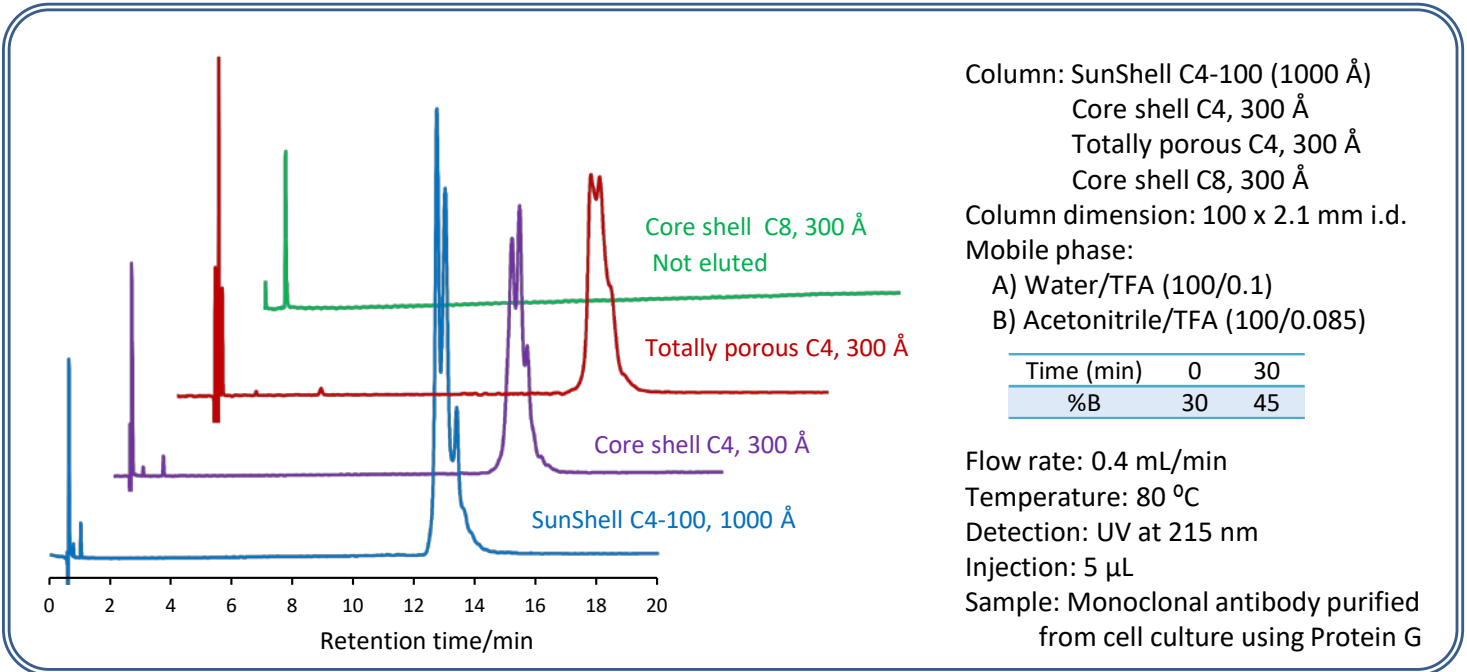
ChromaNik Technologies Inc.



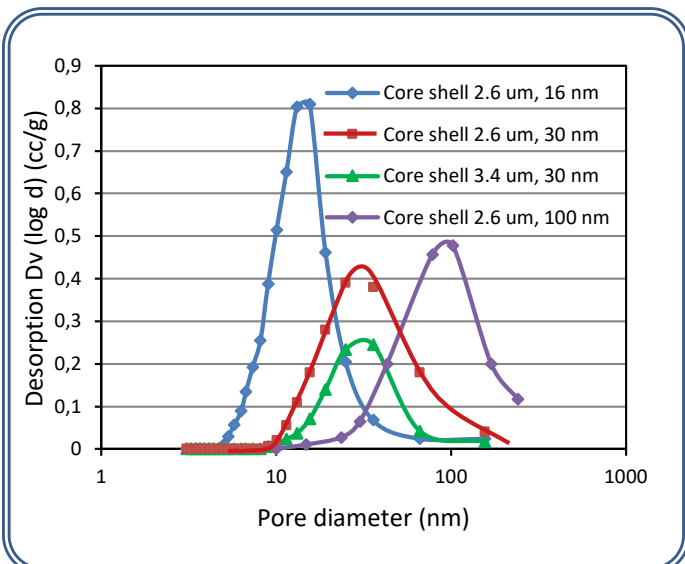
Characteristics of SunShell C4-100

Packings	Core shell silica					Stationary phase					Column
	Particle size	Core size	Pore diameter	Thickness of porous layer	Specific surface area	Carbon loading	Bonded phase	End-capping	Available pH range	USP L category	Maximum operating pressure
SunShell C4-100	2.6 µm	1.6 µm	100 nm	0.5 µm	22 m ² /g	0.6%	C4	Yes	1.5 - 9	L26	60 MPa or 8,570 psi

Separation of Monoclonal antibody (IgG) purified from cell culture using protein G

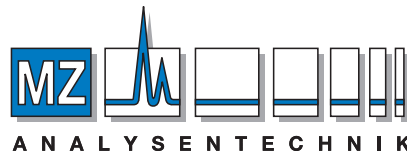


Pore size distribution of core shell silica



Ordering information of SunShell

	Dimension	Catalog number	USP category
SunShell C4-100, 2.6 µm	50 x 2.1 mm i.d.	C66941	L26
	100 x 2.1 mm i.d.	C66961	
	150 x 2.1 mm i.d.	C66971	



AUTHORIZED DISTRIBUTOR

MZ-Analysentechnik GmbH
 Barcelona-Allee 17 • D-55129 Mainz
 Tel +49 6131 880 96-0
 Fax +49 6131 880 96-20
 e-mail: info@mz-at.de
 www.mz-at.de



Global
Distributor

Biotech AB
 Råövägen 300, SE-439
 92 Onsala, Sweden
 Tel +46 (0)300-56 91 80
 E-mail: info@biotech.se
 www.biotech.se



Manufacturer

ChromaNik Technologies Inc.
 6-3-1 Namiyoke, Minato-ku, Osaka,
 552-0001 Japan TEL: +81-6-6581-0885
 FAX: +81-6-6581-0890
 E-mail: info@chromanik.co.jp
 URL: http://chromanik.co.jp



Global
Distributor

BioNik Inc.
 3397-19 Obuchi Fuji,
 Shizuoka, 417-0801 Japan
 Tel: +81 - 545 38 9125
 Email: info@bionikinc.com.jp
 www.bionikinc.com