

Anti-Human Golgin-97, Mouse Monoclonal CDF4 (A-21270)

Quick Facts

Storage upon receipt:

- -20°C
- Desiccate

Materials

Anti-human golgin-97 mouse monoclonal antibody is provided in a 100 µg unit size. Upon receipt, the lyophilized antibody should be stored desiccated at -20°C or lower. When properly stored, this product is stable for at least one year.

To prepare a stock solution, reconstitute the antibody in 0.5–1 mL of phosphate-buffered saline, pH 7.4, containing 1% BSA. Store the solution for up to two weeks at 4°C with the addition of 2 mM sodium azide. For longer storage, divide the solution into single-use aliquots and freeze at -20°C. AVOID REPEATED FREEZING AND THAWING.

Introduction

Anti-human golgin-97 antibodies were originally isolated from the serum of a patient with the autoimmune disease known as Sjögren's syndrome. These antibodies recognize a 97 kDa protein called golgin-97, a member of the granin family of proteins and a peripheral membrane protein localized on the cytoplasmic face of the Golgi apparatus.¹⁻³ Molecular Probes now offers anti-human golgin-97 mouse monoclonal antibody CDF4, isotype IgG_{1,k}. Because the antibody recognizes a protein unique to the Golgi apparatus of most vertebrate species, it is useful for immunodetection and identification of the Golgi apparatus in cells.

Protocol

Because protocols vary with application, the appropriate dilution of anti-golgin-97 should be determined empirically. For immunocytochemistry applications, we recommend trying an initial concentration of ~1 µg/mL.

References

1. Arthritis Rheum 40, 1693 (1997);
2. Curr Biol 9, 385 (1999);
3. Curr Biol 9, 381 (1999).

Product List Current prices may be obtained from our Web site or from our Customer Service Department.

Cat #	Product Name	Unit Size
A-21270	anti-human golgin-97, mouse monoclonal CDF4 (anti-Golgi)	100 µg

Contact Information

Further information on Molecular Probes' products, including product bibliographies, is available from your local distributor or directly from Molecular Probes. Customers in Europe, Africa and the Middle East should contact our office in Leiden, the Netherlands. All others should contact our Technical Assistance Department in Eugene, Oregon.

Please visit our Web site — www.probes.com — for the most up-to-date information

Molecular Probes, Inc.

PO Box 22010, Eugene, OR 97402-0469
Phone: (541) 465-8300 • Fax: (541) 344-6504

Customer Service: 7:00 am to 5:00 pm (Pacific Time)
Phone: (541) 465-8338 • Fax: (541) 344-6504 • order@probes.com

Toll-Free Ordering for USA and Canada:
Order Phone: (800) 438-2209 • Order Fax: (800) 438-0228

Technical Assistance: 8:00 am to 4:00 pm (Pacific Time)
Phone: (541) 465-8353 • Fax: (541) 465-4593 • tech@probes.com

Molecular Probes Europe BV

PoortGebouw, Rijnsburgerweg 10
2333 AA Leiden, The Netherlands
Phone: +31-71-5233378 • Fax: +31-71-5233419

Customer Service: 9:00 to 16:30 (Central European Time)
Phone: +31-71-5236850 • Fax: +31-71-5233419
eurorder@probes.nl

Technical Assistance: 9:00 to 16:30 (Central European Time)
Phone: +31-71-5233431 • Fax: +31-71-5241883
eurotech@probes.nl

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