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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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) 

Anti-Cholera Toxin (β -Subunit) Mouse Monoclonal Antibody

Introduction	Cholera toxin is a protein complex secreted by the bacterium <i>Vibrio cholerae</i> . The cholera toxin is an oligomeric complex made up of six protein subunits: a single copy of the A subunit (part A, enzymatic), and five copies of the B subunit (part B, receptor binding), denoted as AB ₅ . B subunits bind and internalize A subunits, which are processed to A1. The A1 form catalyses ADP ribosylation from NAD to the regulatory component of adenylate cyclase, thereby activating it. Increased adenylate cyclase activity increases cyclic AMP (cAMP) synthesis causing massive fluid and electrolyte efflux, resulting in diarrhoea.
Applications	ELISA, WB, sandwich immunoassay.
Description	Mouse anti-cholera toxin (β -subunit) monoclonal antibody
Immunogen	Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified β -subunit of cholera toxin
Specificity	React with cholera toxin
Purification	Chromatography on protein A Sepharose
Storage	Store at -20 °C; Stable for at least 1 month from the date of shipment at 4 °C.
Concentration	1 μ g/ μ l in PBS pH7.4, 0.1% sodium azide
Size	100 μ g
Usage	This product does not contain livestock or poultry disease agents, non-toxic/non contagious and is not intended for human use, only for laboratory research and development.

Product	Cat#	Clone#	Isotype	Suggested Applications
Anti-Cholera Toxin β -Subunit	MCT-24-008	Clone B8	IgG1	ELISA
Anti-Cholera Toxin β -Subunit	MCT-24-009	Clone G9	IgG1	ELISA