



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) 

Anti-N-ethylmaleimide cysteine [OX-133] Bulk Size Ab00579-1.1-BT

Isotype and Format: Mouse IgG1, Lambda

Clone Number: OX-133

Alternative Name(s) of Target: NEM cysteine; OX133

UniProt Accession Number of Target Protein:

Published Application(s): IP, ELISA, FC

Published Species Reactivity: Species independent

Immunogen: Purified MBP-gp120 (HIV-1) reduced using tris(2-carboxyethyl)phosphine (TCEP, 2.5 mM) for 20 minutes and alkylated using NEM (5 mM solubilized in PBS) for 30 minutes.

Specificity: This antibody recognises cysteine-bound N-ethylmaleimide in a sequence-independent manner. It has no affinity for unmodified peptides or peptides modified with other alkylating agents such as iodoacetamide.

Application Notes: OX133 detects NEM-modified proteins and can be used as an affinity matrix to purify NEM-modified proteins from cell lysates. OX133 does not cross react with any other alkylating agent, making it a highly selective reagent for the purification of NEM-labeled proteins and potentially peptides for mass spectrometry-based analysis.

Antibody First Published in: Holbrook et al. OX133, a monoclonal antibody recognizing protein-bound N-ethylmaleimide for the identification of reduced disulfide bonds in proteins MAbs. 2016 May-Jun;8(4):672-7
[PMID:26986548](#)

Note on publication: Describes the generation and characterisation of this antibody.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg /ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.