



# 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

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## Anti-N-ethylmaleimide cysteine [OX-133] Bulk Size Ab00579-23.0-BT

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rabbit IgG, 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.