



# 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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## Datasheet

### CD8 Biotin monoclonal antibody, clone hCD8

**Catalog Number:** MAB23591

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse Biotin monoclonal antibody raised against synthetic peptide of human CD8.

**Clone Name:** hCD8

**Immunogen:** Purified human PBL CD8+ T cells

**Host:** Mouse

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Purification:** Ion exchange column

**Isotype:** IgG2a

**Recommend Usage:** weakly cytotoxic. For staining (10  $\mu$ L/1,000,000 cells). Titer for blocking T cells should be determined by the investigator.

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from 1 mg/mL in PBS

**Storage Instruction:** Store at 4°C on dry atmosphere. After reconstitution with 1 mL of deionized water, store at -20°C or lower.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 925

**Gene Symbol:** CD8A

**Gene Alias:** CD8, Leu2, MAL, p32

**Gene Summary:** The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen acts as a corepressor with the T-cell receptor on the T lymphocyte to recognize

antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains, or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain isoforms. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]