



# 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

### TNFRSF9 recombinant monoclonal antibody, clone 4B4-1-1

**Catalog Number:** RAB03645

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

**Product Description:** Mouse recombinant monoclonal antibody raised against human TNFRSF9.

**Clone Name:** 4B4-1-1

**Immunogen:** Original antibody is raised against a fusion protein of human TNFRSF9 antigen and glutathione S transferase (GST).

**Antibody Species:** Mouse

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

**Form:** Liquid

**Conjugation:** Unconjugated

**Concentration:** batch dependent

**Isotype:** IgG1 kappa

**Recommend Usage:** Blocking

ELISA

Flow Cytometry

Immunohistochemistry

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

**Storage Buffer:** In PBS with 0.02% Proclin 300

**Storage Instruction:** Store at 4°C for up to 3 months.

For longer storage, aliquot and store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3604

**Gene Symbol:** TNFRSF9

**Gene Alias:** 4-1BB, CD137, CDw137, ILA, MGC2172

**Gene Summary:** The protein encoded by this gene is a

member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB. [provided by RefSeq]