



# 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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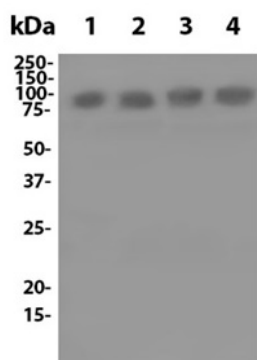
[www.szabo-scandic.com](http://www.szabo-scandic.com)

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**Name:** Anti-Mouse CD54 In Vivo Antibody - Low Endotoxin (YN1/1.7.4) [ICH1059]

**SKU:** ICH1059

**Categories:** [anti-mouse](#), [Flow Cytometry](#), [Functional Assays](#), [IHC \(Frozen\)](#), [Immunoprecipitation](#), [Low Endotoxin](#), [Ultra Low Endotoxin](#), [Western Blot](#)



**Product price:** \$375.00 – \$2,950.00

## Product Details

### Bulk anti-CD54 In Vivo Antibody - Low Endotoxin (YN1/1.7.4)

Bio X Cell:

ICH1059 is [up to 11% cheaper](#) for academia & non-profits and [up to 51% cheaper](#) for industry than the equivalent product BE0020-1 from Bio X Cell.

Product Benefits:

ichorbio's anti-CD54 In Vivo Antibody - Low Endotoxin (YN1/1.7.4) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from our [competitors](#) at less than 1.0 EU/mg. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin (<0.75EU/mg) at an even higher purity (98% versus 95%). ichorbio: the best antibodies for *in vivo* research.

Target:

CD54

Clone:

YN1/1.7.4

Size:

ichorbio's YN1/1.7.4 *in vivo* antibody is available in the following bulk sizes: 1mg, 5mg, 25mg, 50mg and 100mg ichorbio regularly manufactures multi-gram amounts of our anti-CD54 YN1/1.7.4 clone - please contact us for pricing.

Isotype:

Rat IgG2b

Other Names:

Intercellular adhesion molecule 1, Icam1, MALA-2, MyD10

Uniprot:

[P13597](#)

Host:

Rat

Species Reactivity:

Mouse

Specificity:

Anti-CD54 In Vivo Antibody - Low Endotoxin (YN1/1.7.4) recognizes an epitope on Mouse ICAM-1

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antigen Distribution:

The CD54 antigen is present on endothelial cells, lymphocytes, epithelial cells, dendritic cells and keratinocytes. It has been demonstrated that ICAM-1 enhances T-cell activation.

Background:

Intercellular adhesion molecule-1 (ICAM-1) is one of an important cell adhesion molecules (CAMs) family transmembrane glycoprotein and is critical for the firm arrest and transmigration of leukocytes out of blood vessels and into tissues. ICAM-1 is constitutively present on endothelial cells, but its expression is increased by proinflammatory cytokines. ICAM-1 is a marker of endothelial dysfunction leading to damaging vascular disorders, in umbilical and placental vascular tissue of gestational pregnancies.

Immunogen:

Mouse NS-1 cells

Concentration:

1.0 mg/ml

**Formulation:**

0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free.

**Purity:**

>95% by SDS-PAGE and HPLC

>98% by SDS-PAGE and HPLC

**Endotoxin:**

? 1.0 EU/mg as determined by the LAL method

? 0.75 EU/mg as determined by the LAL method

**Aggregation:**

Aggregation level ? 5%

Aggregation level ? 1%

**Storage:**

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at – 20°C or -80°C. Avoid repeated freeze thaw cycles.

**Applications:**

Western Blot, Functional Assays, Flow Cytometry, IHC (Frozen), Immunoprecipitation

**Application Notes:**

Each investigator should determine their own optimal working dilution for specific applications.

**Use:**

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

**Isotype Control:**

[Rat IgG2b In Vivo Isotype Control - Low Endotoxin \[1-2\] \(ICH2243\)](#)

**Additional information:**

**Size:**        [1mg](#), [5mg](#), [25mg](#), [50mg](#), [100mg](#)

**Endotoxin Level:** Low, Ultra Low