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Lieferung & Zahlungsart

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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) 

CD40L / CD154 antibody [MR1] (Biotin)

Cat No. GTX01485-02

Host Armenian Hamster**Clonality** Monoclonal**Isotype** IgG**Application** FACS**Reactivity** Mouse

Reference (4)

Package

100 µg

PRODUCT

Summary

The MR1 antibody is specific for mouse CD154, a 39 kD glycoprotein that is primarily expressed on activated T cells. CD154 (CD40 ligand, gp39) binds to CD40 expressed on antigen presenting cells and mediates important costimulatory functions between these cells. Signals generated via cognate interactions between CD154-CD40 on activated T and B cells are required for T-dependent B cell responses. The MR1 antibody is reported to block interaction of CD154 with CD40.

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution

Dilution

FACS

Assay dependent

Note : For detection of CD154 on in vitro activated T cells, it is recommended that T cells be enriched using a depletion strategy prior to stimulation.

Not tested in other applications.

Calculated MW

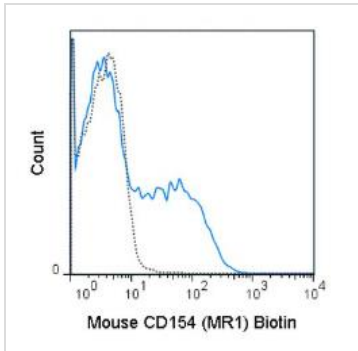
29 kDa. ([Note](#))

PROPERTIES

Form Liquid**Buffer** 10 mM NaH₂PO₄ (pH 7.2), 150 mM NaCl, 0.09% sodium azide, 0.1% gelatin**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light.**Concentration** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)**Purification** Purified by affinity chromatography
From tissue culture supernatant**Conjugation** Biotin**Note** For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

For full product information, images and publications, please visit our [website](#).

DATA IMAGES

**GTX01485-02 FACS Image**

FACS analysis of mouse C57Bl/6 T cells (enriched from total splenocytes, with PMA and Ionomycin stimulation for 6 hrs) using GTX01485-02 CD40L / CD154 antibody [MR1] (Biotin).

Solid line : primary antibody

Dashed line : isotype control

antibody amount : 0.25 μ g (5 μ l)



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