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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

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) 

Anti-MAdCAM-1 [MECA-89] Standard Size Ab03850-7.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted rat IgG2a Fc Silent™ antibody, based on the original rat IgG2a format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rat IgG2a, Fc Silent™, Kappa

Clone Number: MECA-89

Alternative Name(s) of Target: ATCC HB-292; Addressin; mucosal vascular addressin cell adhesion molecule 1

UniProt Accession Number of Target Protein:

Published Application(s): Block, IHC

Published Species Reactivity: Mouse

Immunogen: Endothelial cells isolated from BALB/c mouse mesenteric and peripheral lymph nodes.

Specificity: The antibody is specific for mouse MAdCAM-1. The antibody recognizes the second immunoglobulin domain, interfering with L-selectin interactions of MAdCAM-1. The mucosal lymphocyte homing receptor MAdCAM-1 is expressed in the high endothelial venules of the mesenteric lymph nodes (MLN) and Peyer's patches (PP) and in the flat epithelium of the lamina propria (LP).

Application Notes: The antibody bound to the second domain of MAdCAM-1 and did not block MAdCAM-1-dependent binding in vitro (Streeter et al., 1988; PMID:3340147). The antibody was used for immunohistochemical analysis of healthy AKR control mice and it showed faint basal expression of MAdCAM-1 in the terminal ileum (Bachmann et al. 2006). The antibody blocked interactions with L-selectin in vivo (Bargatze et al., 1995; PMID: 7542550).

Antibody First Published in: Streeter et al. A tissue-specific endothelial cell molecule involved in lymphocyte homing. Nature. 1988 Jan 7;331(6151):41-6. [PMID:3340147](#)

Note on publication: The original paper describes the role of MAdCAM-1 in lymphocyte homing.

Product Form

Size: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In:

PBS with 0.02% Proclin 300.

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