



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

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-Mouse Ly49C In Vivo Antibody (4LO3311) - Low Endotoxin ICH1202

Product Information

Catalog Number: ICH1202
Product: Low Endotoxin, anti-mouse
Target: Ly49C
Clone: 4LO3311
Isotype: Mouse IgG3 kappa
Other names: Ly-49 inhibitory receptors C

Host: Mouse
Species Reactivity: Mouse
Specificity: 4LO3311 activity is directed against Ly49C (Killer cell lectin-like receptor 3, KLRA3; NK2.1). 4LO3311 binds an epitope located in a 32-amino acid segment of the stalk region immediately adjacent to the carbohydrate recognition domain.
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: Ly49C is expressed on NK, uterine NK, NKT, and CD8+ T cells.
Immunogen: 4LO3311 was generated by immunizing 129/SvJ mice with C57BL/6 NK-enriched spleen cells
Concentration: ≥ 2.0 mg/ml
Formulation: Sterile, preservative-free, solution in PBS. BSA and Azide free.
Purity: >95% by SDS-PAGE
Endotoxin: <1.0 EU/mg as determined by the LAL method
Aggregation: Aggregation level $\leq 5\%$

Storage: This antibody is stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications: Depletion, Flow Cytometry, Immunoprecipitation
Application Notes: Each investigator should determine their own optimal working dilution for specific applications.

Background:

4LO3311 recognizes an epitope located in a 32-amino acid segment of the stalk region immediately adjacent to the carbohydrate recognition domain. 4LO3311 recognizes Ly-49CBALB but not Ly-49AB6, Ly-49ABALB, BBALB, DB6, EB6, FB6, GB6, GBALB, or H. 4LO3311 plus complement inhibits NK cell and antibody-dependent cellular cytotoxicity (ADCC) activity in C3H spleen cells. 4LO3311 inhibits C57BL/6 and C3H NK cell activity but has no effect on NZB NK cells.