



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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-RRV E2 [D7] Standard Size Ab00749-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: D7

Alternative Name(s) of Target: Ross River Virus envelope glycoprotein

UniProt Accession Number of Target Protein: Q88724

Published Application(s): labelling, FC

Published Species Reactivity: Ross River Virus

Immunogen: This antibody was raised by immunizing mice.

Specificity: This antibody is specific for the E2 envelope protein of RRV.

Application Notes: This antibody binds RRV E2, and has been used to stain RRV-positive cells and in FC analysis of E2 surface expression (Jupille, 2013). This antibody has also been used to detect RRV binding to HeLa cells, demonstrating that synthetic peptides representing the $\alpha 1\beta 1$ integrin binding site on collagen IV are able to inhibit RRV binding to cells, thus implicating the $\alpha 1\beta 1$ integrin as an RRV cell-binding receptor (La Linn, 2005).

Antibody First Published in: Jupille et al. A Tyrosine-to-Histidine Switch at Position 18 of the Ross River Virus E2 Glycoprotein Is a Determinant of Virus Fitness in Disparate Hosts *Journal of Virology*, 2013, Vol. 87(10), p.5970 [PMID:23514884](#)

Note on publication: Describes the use of this antibody in FC and labelling studies.

Product Form

Size: 200 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.