



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-Fusion glycoprotein F0 [B13] Bulk Size Ab04490-23.0-BT

Isotype and Format: Rabbit IgG, Lambda

Clone Number: B13

Alternative Name(s) of Target: F; p27; Protein F; Fusion glycoprotein F1; Fusion glycoprotein F2

UniProt Accession Number of Target Protein: P03420; P23728

Published Application(s): crystallography, neutralization, SPR, ELISA, IHC

Published Species Reactivity: Bovine respiratory syncytial virus, Human respiratory syncytial virus A

Immunogen: The original antibody was raised by immunizing a 10-month-old calf with persistently infected bovine nasal mucosa cell line NM7B.

Specificity: This antibody is specific for protein F from the respiratory syncytial virus

Application Notes: The original antibody was used for an ELISA on lysed Vero cells infected with bovine RSV. Further this antibody was used for surface plasmon resonance on F protein. Finally the structure of this antibody was determined using x-ray crystallography (Ren et al., 2019; PMID:31100550). This antibody was used for immunohistochemistry on bovine lung tissue from infected calves. It showed the location of the virus in this experiment. Further this antibody was used for an in vivo neutralization assay, here calves were given this antibody before they were infected. It showed a decrease in virus titer after 7 days (Thomas et al., 1998; PMID:9534958).

Antibody First Published in: Kennedy et al. Production and characterization of bovine monoclonal antibodies to respiratory syncytial virus J Gen Virol. 1988 Dec;69 (Pt 12):3023-32. [PMID:3199102](#)

Note on publication: The original paper produced six interspecific hybridomas (heterohybridomas) secreting bovine monoclonal antibodies (MAbs) against respiratory syncytial (RS) virus were produced.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.