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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Fusion glycoprotein F0 [B13] Standard Size Ab04490-23.0

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: 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.