Product datasheet

Anti-Respiratory Syncytial Virus M2-1 Protein antibody [RSV5H5] ab94805

Overview

Product name: Anti-Respiratory Syncytial Virus M2-1 Protein antibody [RSV5H5]
Description: Mouse monoclonal [RSV5H5] to Respiratory Syncytial Virus M2-1 Protein
Host species: Mouse
Specificity: This antibody has broad specificity for Respiratory Syncytial Virus of both sub-groups A and B
Tested applications: Suitable for: ELISA, WB, IP, ICC/IF
Species reactivity: Reacts with: Respiratory syncytial virus
Immunogen: Tissue, cells or virus corresponding to Respiratory Syncytial Virus M2-1 Protein. Respiratory Syncytial Virus strain A2 infected HeLa cells.
General notes: Fusion partner: PS-NS/1-Ag4 Recommended growth conditions: Growth medium RPMI with 25mM Hepes, 2mM additional glutamine and 10% heat inactivated foetal calf serum

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer: Constituent: PBS
Purity: Protein A purified
Clonality: Monoclonal
Clone number: RSV5H5
Isotype: IgG1
Light chain type: kappa

Applications

Our Abpromise guarantee covers the use of ab94805 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
The M2-1 protein is an essential element in the RSV replication complex. RSV mutants show expected patterns of G, F, and M2-1 expression. Western blotting of Vero cell lysates infected with RSV ΔG, ΔG C-term, and wild type (MSA1). Detection of M2-1 using anti-M2-1 antibody ab94805. Cell lysates from virus cultures grown for 6 days on Vero cells were subjected to SDS-PAGE, transferred to membranes and probed with anti-M2-1 antibody (Abcam, ab94805), and incubated with a secondary goat anti-mouse alkaline phosphatase conjugate. Anti-G western blot was done with rabbit anti-RSV-G polyclonal and incubated with goat anti-rabbit secondary antibody (Abcam, ab97048). Bands were visualized using BCIP/NBT. The molecular weight marker used was Precision Plus Protein Dual Color Standards.
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

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