Anti-Respiratory Syncytial Virus antibody ab20745

Overview

Product name: Anti-Respiratory Syncytial Virus antibody
Description: Goat polyclonal to Respiratory Syncytial Virus
Host species: Goat
Tested applications: Suitable for: ICC/IF, IHC-P, WB, ELISA, Conjugation
Species reactivity: Reacts with: Respiratory syncytial virus
Immunogen: Tissue, cells or virus corresponding to Respiratory Syncytial Virus. Viral lysate of Human RSV isolate.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: pH: 7.20
Preservative: 0.1% Sodium azide
 Constituent: 0.0268% PBS
Purity: IgG fraction
Purification notes: Sodium sulphate precipitation and DEAE chromatography.
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab20745 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<td>Use at an assay dependent dilution. PubMed: 20647383</td>
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<td>IHC-P</td>
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Relevance

Respiratory syncytial virus (RSV) is a major cause of respiratory illness in young children. RSV infection produces a variety of signs and symptoms involving different areas of the respiratory tract, from the nose to the lungs. RSV is a negative sense, enveloped RNA virus. The virion is variable in shape and size with an average diameter of between 120 and 300 nm. The 63 kD RSV fusion protein of the RSS 2 strain (subtype A) directs fusion of viral and cellular membranes, results in viral penetration, and can direct fusion of infected cells with adjoining cells, resulting in the formation of syncytia or multi nucleated giant cells.

Cellular localization

Virion. Host cytoplasm

Images

Immunofluorescence analysis of A549 cells infected with RSV, staining Respiratory Syncytial Virus with ab20745.

Cells were fixed with formalin before staining with primary antibody, followed by ab6881 - Donkey polyclonal Secondary Antibody to Goat IgG - H&L (FITC).

Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES”

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