

Anti-RSV F Glycoprotein [11-5-G9]

Catalogue number: 151855

Sub-type:

Images:

Contributor

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Institute: Vertebrate Antibodies Limited

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-RSV F Glycoprotein [11-5-G9]

Alternate name: VP7, F

Class: Monoclonal

Conjugate: Unconjugated

Description: Human Respiratory Syncytial Virus (RSV) is a major cause of lower respiratory tract illness and is the chief cause of hospitalization for respiratory tract illness in young children. The glycoprotein F is located on the surface of viral envelope, its function is to induce fusion of viral envelope with host-cell envelope resulting in syncytium formation. The glycoprotein F (also named VP70, F0 or fusion protein) consists of two components: F1 (also named VPG48) and F2 (also named VGP26) held together by disulphide bonds. The reported molecular weight of the VGP26 component varies between 20 to 26 kDa.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Virus

Selectivity:

Host: Mouse

Immunogen: Gradient-purified RSF-44 virus (subgroup A) UV inactivated for 20 minutes at 20C

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Immunoblot: Ag: gradient-purified RS virus (see figure). Indirect immunofluorescence: staining of RSA-2 infected BSC-1 cells

Bacterial resistance:**Selectable markers:****Additional notes:**

Target details

Target: Human Respiratory Syncytial (RS) virus Fusion glycoprotein

Target alternate names:

Target background: Human Respiratory Syncytial Virus (RSV) is a major cause of lower respiratory tract illness and is the chief cause of hospitalization for respiratory tract illness in young children. The glycoprotein F is located on the surface of viral envelope, its function is to induce fusion of viral envelope with host-cell envelope resulting in syncytium formation. The glycoprotein F (also named VP70, F0 or fusion protein) consists of two components: F1 (also named VPG48) and F2 (also named VGP26) held together by disulphide bonds. The reported molecular weight of the VGP26 component varies between 20 to 26 kDa.

Molecular weight:**Ic50:**

Applications

Application: ELISA ; IF ; Fn ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: Dulbecco's media containing 20% Fetal Bovine serum (DH20) prepared as follows (for final volume of 300ml: 237ml DMEM plus 60 ml Fetal Bovine Serum plus 3ml L-Glutamine).

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Gimenez HB et al. J Gen Virol. 1986 May;67 (Pt 5):863-70. PMID: 3517224

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