

Recombinant Mouse Anti-RSV G glycoprotein Antibody (V3S-1022-YC5767)

Cat. No.: V3S-1022-YC5767

Summary

Description	This product is a recombinant Mouse antibody provided by CreativeBiolabs. The antibody is specific for respiratory syncytial virus F glycoprotein. It can be used for G glycoprotein detection in Enzyme-linked Immunosorbent Assay (ELISA). It was expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Human Respiratory syncytial virus
Isotype	IgG
Isotype Control	C35500
Secondary Antibody	C37557; C41360; C32672; C10001

Property

Expression Species	HEK293F or CHO Cell line
Conjugation	Unconjugated, also available for Biotin, HRP, FITC and PE-labeled form.
Purity	>95%, determined by SDS-PAGE and SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Purified with Protein A or G affinity chromatography
Sterility	0.2 µM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Application	ELISA
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Target

Target	Respiratory Syncytial Virus G glycoprotein
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Alternative Name	Human respiratory syncytial virus; human orthopneumovirus; Respiratory syncytial virus fusion glycoprotein
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Gene ID	1489824
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UniProt	Q36633
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Introduction	Respiratory syncytial virus, also called human respiratory syncytial virus and human orthopneumovirus. Respiratory syncytial virus is a syncytial virus that causes respiratory tract infections. It is a major cause of lower respiratory tract infections and hospital visits during infancy and childhood.
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Research Area	Microbiology
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Related Disease	Respiratory syncytial virus infection
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