

Datasheet for ABIN7543067

Recombinant anti-RSV (Felvizumab Biosimilar) antibody[Go to Product page](#)

Overview

Quantity:	200 µg
Target:	RSV (Felvizumab Biosimilar)
Reactivity:	Respiratory Syncytial Virus (RSV)
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This RSV (Felvizumab Biosimilar) antibody is un-conjugated
Application:	ELISA, Functional Studies (Func)

Product Details

Purpose:	Anti-RSV [RSHZ19 (Felvizumab)], Mouse IgG2a, kappa
Immunogen:	This antibody was prepared by the humanization of an F protein-specific murine MAb, RSV19. More specifically, molecular techniques were used to insert the complementarity determining regions from murine RSV19 into a human IgG1 heavy and k light chain-variable domain framework.
Clone:	RSHZ19
Isotype:	IgG2a kappa
Specificity:	This antibody is specific for the an epitope located between amino acids 417-432 of conserved fusion (F) protein of RSV.
Characteristics:	Original Species of Ab: Human Original Format of Ab: IgG1

Product Details

Purification: Protein A affinity purified

Target Details

Target: RSV (Felvizumab Biosimilar)

Abstract: [RSV \(Felvizumab Biosimilar\) Products](#)

Target Type: Biosimilar

Background: SB 209763, respiratory syncytial virus

Application Details

Application Notes: Though shown to be safe and well-tolerated (Everitt, 1996) and protective against RSV infection in BALB/c mice and cotton rats (Wyde, 1995), this antibody did not demonstrate efficacy in a Phase 3 study (Reichert, 2008). In in vitro studies, palivizumab, another humanized Mab specific for the F protein of RSV, was 4 to 5-fold more potent than felvizumab in neutralising RSV (Scott, 1999).

Comment: This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.