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Datasheet for ABIN5668206

Recombinant anti-RSV (Felvizumab Biosimilar) antibody

Overview

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

Product Details

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| 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: | IgG1 kappa |
| Specificity: | This antibody is specific for the conserved fusion (F) protein of RSV. |
| Characteristics: | OriginalSpeciesName: Human OriginalFormat: IgG1 |
| Purification: | Purified antibody. |

Product Details

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| Purity: | > 98 % as determined by SDS-PAGE |
| Endotoxin Level: | Endotoxin is < 1.0 EU/mg as determined by the LAL method |

Target Details

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| Target: | RSV (Felvizumab Biosimilar) |
| Abstract: | RSV (Felvizumab Biosimilar) Products |
| Target Type: | Biosimilar |
| Background: | SB 209763, respiratory syncytial virus |

Application Details

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| 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). |
| Restrictions: | For Research Use only |

Handling

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| 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. |