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12-8119: Anti-Respiratory Syncytial Virus (Clone: RSV-3M3)

Clonality :	Monoclonal
Clone Name :	RSV-3M3
Application :	ELISA
Alternative Name :	RSV, Orthopneumovirus.
Isotype :	Human IgG1Î»
Immunogen Information :	Human donors targeting the post-fusion RSV F protein using human hybridoma technology.

Description

Reactivity Species : Respiratory Syncytial-Virus
Expression Host : HEK-293
Endotoxin Level : ≤ 1.0 EU/mg as determined by the LAL method.
Specificity : RSV-3M3 activity is directed against antigenic site IV of the RSV fusion (F) protein and binds to pre- and post-fusion F proteins of RSV A strain A2 and RSV B strain 18537. Clone RSV-3M3 is potent at neutralizing RSV A2, RSV Long viruses (subgroup A), RSV 18537 B, and RSV WV/401R viruses (subgroup B). Competition-binding assay shows that RSV-3M3 targets antigenic site IV. Mutagenesis experiments have revealed RSV-3M3 requires arginine residue R429 for binding and neutralization. EM reconstruction shows that RSV-3M3 binds close to a 0° tilt. RSV-3M3 does not neutralize hMPV.

Product Info

Amount :	100 µg
Purification :	â‰¥95% monomer by analytical SEC
Content :	â‰¥ 5.0 mg/ml. Formulation : This recombinant monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added.
Storage condition :	Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one year. For longer term storage, aseptically aliquot in working volumes without diluting and store at â‰¥ -70°C. Avoid Repeated Freeze Thaw Cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.