

Research Grade Motavizumab

Summary

Catalog No. DVV02803

Alternative Names MEDI-524, NUMAX, NISTmAb, CR9503, CAS: 677010-34-3

Clone ID Motavizumab

Host species Humanized

Species reactivity HRSV-A

Form Liquid

Storage buffer 0.01M PBS, pH 7.4.

Concentration 1 mg/ml

Purity >95% as determined by SDS-PAGE.

Clonality Monoclonal

Isotype IgG1, kappa

Applications Research Grade Biosimilar

Target F, Fusion glycoprotein F0, Fusion glycoprotein F2, p27, Intervening

segment, Pep27, Peptide 27, Fusion glycoprotein F1

Purification Protein A/G purified from cell culture supernatant.

Endotoxin level Please contact with the lab for this information.

Expression system Mammalian Cells

Accession P03420





Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Stability and Storage Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -

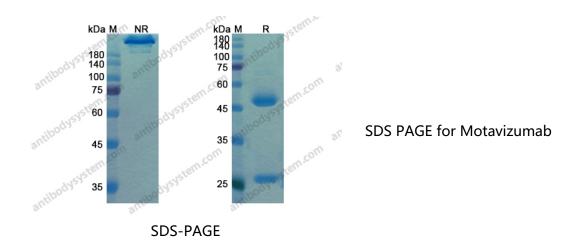
80°C long term.

Note For research use only. Not suitable for clinical or therapeutic use.

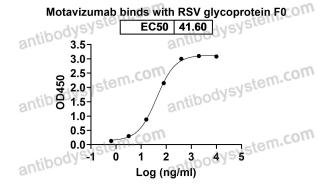
Description

Motavizumab (MEDI-524, NUMAX, NISTmAb) is a second generation monoclonal antibody (mAb) derived from palivizumab (Synagis) using affinity maturation techniques. Motavizumab is currently undergoing US Food and Drug Administration review as a treatment for respiratory syncytial virus (RSV) prophylaxis. It has been evaluated in large-scale clinical studies, and has demonstrated efficacy in reducing the disease burden of RSV in high-risk infant populations. Motavizumab (MEDI-524, NUMAX, NISTmAb) has higher affinity and a longer half-life, was effective in reducing RSV hospitalization in high-risk full-term infants in the US, but was not licensed due to safety concerns (allergic reactions).

Data Image

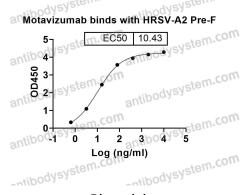


Recombinant Proteins & Antibodies



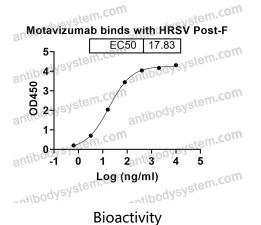
Detects F/Fusion glycoprotein F0 in indirect ELISAs.





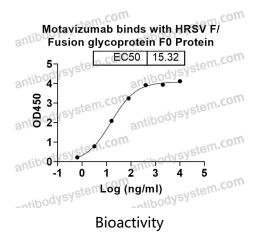
Detects HRSV-A2 Pre-F/Fusion glycoprotein F0 Protein in indirect ELISA.

Bioactivity



Detects HRSV Post-F/Fusion glycoprotein F0 Protein in indirect ELISA.

Recombinant Proteins & Antibodies



Detects HRSV F/Fusion glycoprotein F0 Protein in indirect ELISA.