

## Anti-F [ACN044] Bulk Size Ab03692-23.0-BT

**Isotype and Format:** Rabbit IgG, Lambda

**Clone Number:** ACN044

**Alternative Name(s) of Target:** hMPV; Fusion glycoprotein F0; Protein F

**UniProt Accession Number of Target Protein:** Q6WB98

**Published Application(s):** in vivo, neutralization; SPR, ELISA, IF

**Published Species Reactivity:** human metapneumovirus

**Immunogen:** Phage antibody libraries were prepared from human donor tissues. The original antibody was selected against recombinant hMPV F protein with multiple rounds of panning.

**Specificity:** The antibody is specific for HMPV lineage A2.

**Application Notes:** The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody could specifically bind to hMPV-infected cell monolayers as shown by immunofluorescent assays. The Fab fragment exhibited in vitro neutralizing activity (1.3 ug/mL) (Williams et al. 2007; PMID:17522220).

**Antibody First Published in:** Williams et al. A recombinant human monoclonal antibody to human metapneumovirus fusion protein that neutralizes virus in vitro and is effective therapeutically in vivo J Virol. 2007 Aug;81(15):8315-24. [PMID:17522220](#)

**Note on publication:** The original paper describes the generation and characterization of the antibody.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/mL.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.