

## Anti-Mojiang Virus F [4G5-LY] Bulk Size Ab02869-3.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

**Isotype and Format:** Mouse IgG2b, [Fc Silent™](#), Kappa

**Clone Number:** 4G5-LY

**Alternative Name(s) of Target:** Fusion glycoprotein F0; fusion protein; Mojiang virus fusion protein

**UniProt Accession Number of Target Protein:** W8SKT3

**Published Application(s):** BLI, IP, WB, ELISA

**Published Species Reactivity:** Langya henipavirus (Langya virus, LayV), Mojiang henipavirus (Mojiang virus, MojV)

**Immunogen:** The original version of this antibody was raised against the fusion (F) protein from the Mojiang virus.

**Specificity:** This antibody is specific to the fusion protein from the Mojiang virus. This antibody cross-reacts with LayV F.

**Application Notes:** This antibody can be used for the detection and analysis of the fusion (F) protein of the Mojiang virus via ELISA, IP and Western blot. This antibody's Fab has been shown to bind LayV F via biolayer interferometry. Also, postfusion LayV F in complex with the 4G5 Fab was assessed via CryoEM (Wang et al., 2023; PMID: 37645760).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

### 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.