Anti-Nipah virus F F1 [5G7] Bulk Size Ab02855-3.0-BT

Isotype and Format: Mouse IgG2b, Kappa
Clone Number: 5G7
Alternative Name(s) of Target: Fusion glycoprotein; Protein F; Fusion glycoprotein F1
UniProt Accession Number of Target Protein: Q9IH63
Published Application(s): IP, WB
Published Species Reactivity: Nipah virus
Immunogen: The original version of this antibody was raised against the fusion (F) protein of the Nipah virus.
Specificity: This antibody is specific to the F1 chain of the fusion (F) protein of the Nipah virus. It is a class I viral fusion protein. Under the current model, the protein has at least 3 conformational states: pre-fusion native state, pre-hairpin intermediate state, and post-fusion hairpin state. During viral and plasma cell membrane fusion, the heptad repeat (HR) regions assume a trimer-of-hairpins structure, positioning the fusion peptide in close proximity to the C-terminal region of the ectodomain. This clone binds to the post fusion form. It crossreacts with HeV F.
Application Notes: This antibody is recommened for the detection and analysis of the fusion (F) protein of the Nipah virus. This clone is specifically useful in Western blot identification of F1 version of the protein.
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 4ºC for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20ºC.
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.