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[Primary Antibody]

Recombinant Rabbit Anti-JEV Monoclonal Antibody

Catalog Number: SLA0629M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Clone No.:	8C4
SWISS:	Q90105
Target:	JEV
Immunogen:	Recombinant JEV Envelope protein E
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	ELISA () Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Predicted MW.:	131 kDa
Background:	Involved in immune evasion, pathogenesis and viral replication. Once cleaved off the polyprotein, is targeted to three destinations: the viral replication cycle, the plasma membrane and the extracellular compartment. Essential for viral replication. Required for formation of the replication complex and recruitment of other non-structural proteins to the ER-derived membrane structures. Excreted as a hexameric lipoparticle that plays a role against host immune response. Antagonizing the complement function. Binds to the host macrophages and dendritic cells. Inhibits signal transduction originating from Toll-like receptor 3 (TLR3).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.