bs-41285R **[Primary Antibody]**

Yellow fever virus envelope glycoprotein E Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: Yellow fever virus envelope glycoprotein 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°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Envelope protein E binding to host cell surface receptor is followed by virus internalization through clathrin-mediated endocytosis. Envelope protein E is subsequently involved in membrane fusion between virion and host late endosomes. Synthesized as a homodimer with prM which acts as a chaperone for envelope protein E. After cleavage of prM, envelope protein E dissociate from small envelope protein M and homodimerizes.

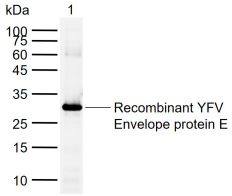
Applications: **WB** (1:500-2000)

Reactivity: Yellow fever virus

Predicted MW.: 54/375 kDa

Subcellular Location: Secreted ,Cell membrane ,Cytoplasm

VALIDATION IMAGES



Sample: Lane 1: Recombinant YFV Envelope protein E, Trx & His(bs-41285P-10ng) Primary: Anti-Yellow fever virus envelope glycoprotein E (bs-41285R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 54/375 kDa Observed band size: 30 kDa