

## Yellow fever virus envelope glycoprotein E Rabbit pAb

Catalog Number: bs-41285R

Target Protein: Yellow fever virus envelope glycoprotein E

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Yellow fever virus

Predicted MW: 54/375 kDa

Subcellular: Secreted ,Cell membrane ,Cytoplasm

Locations:

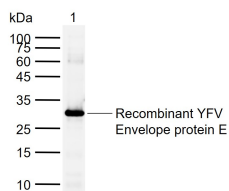
Purification: affinity purified by Protein A

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.

### 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