

**bs-2041R****[ Primary Antibody ]**

## Yellow fever virus envelope glycoprotein E Rabbit pAb

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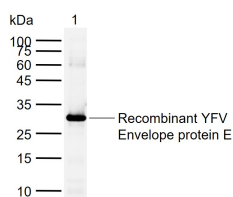
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### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Yellow fever virus
<b>Target:</b> Yellow fever virus envelope glycoprotein E		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from Yellow fever virus envelope glycoprotein E: 601-700/3411.		<b>Predicted MW.:</b> 54/375 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Secreted ,Cell membrane ,Cytoplasm
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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-2041R) 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