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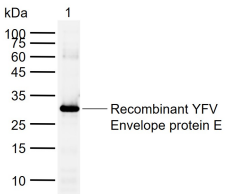
Yellow fever virus envelope glycoprotein E Rabbit pAb

Catalog Number:	bs-2041R
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 Locations:	Secreted ,Cell membrane ,Cytoplasm
Source:	KLH conjugated synthetic peptide derived from Yellow fever virus envelope glycoprotein E: 601-700/3411.
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-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

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