

## Anti-Yellow fever virus envelope glycoprotein E Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Yellow fever virus
Molecular Weight:	Theoretical: 54/375 kDa. Actual: 30 kDa.
Purification:	Protein A purified

### Applications

Sample:	Lane 1: Recombinant YFV Envelope protein E, Trx & His
Verified Activity:	Primary: Anti-Yellow fever virus envelope glycoprotein E (TMAB-14230) 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
Application:	WB
Recommended	WB: 1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: Yellow fever virus envelope glycoprotein E
Gene ID:	1502173

### Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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