

bs-10627R**[Primary Antibody]****EGFRvIII Rabbit pAb****BioSS**
ANTIBODIES

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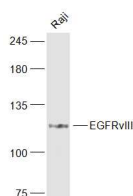
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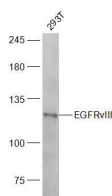
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 1956 Target: EGFRvIII Immunogen: KLH conjugated synthetic peptide derived from human EGFRvIII: 321-520/1210. 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: The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. Multiple alternatively spliced transcript variants that encode different protein isoforms have been found for this gene. [provided by RefSeq, Jul 2010]	Isotype: IgG SWISS: P00533	Applications: WB (1:500-2000) Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Dog, Horse) Predicted MW.: 100/130 kDa Subcellular Location: Secreted ,Cell membrane ,Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Sample: Raji(Human) Cell Lysate at 30 ug
Primary: Anti-EGFRvIII (bs-10627R) at 1/300
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 100/130 kD Observed band size: 120 kD



Sample: 293T(Human) Cell Lysate at 30 ug
Primary: Anti-EGFRvIII (bs-10627R) at 1/300
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 100/130 kD Observed band size: 120 kD