

bsm-33140M**[Primary Antibody]****EGFR Mouse mAb****BioSS**
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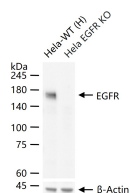
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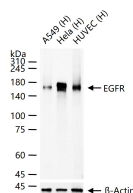
— DATASHEET —

Host: Mouse Clonality: Monoclonal GeneID: 1956 Target: EGFR Purification: affinity purified by Protein G Concentration: 1mg/ml Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	Isotype: IgG CloneNo.: 1A6 SWISS: P00533	Applications: WB (1:1000-5000) Reactivity: Human Predicted MW.: 130 kDa Observed MW.: 170-175 kDa Subcellular Location: Secreted ,Cell membrane Location: ,Cytoplasm ,Nucleus
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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]

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with EGFR monoclonal antibody, unconjugated (bsm-33140M) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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