

**bsm-52149R****[ Primary Antibody ]**

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**phospho-EGFR (Tyr1068) Recombinant Rabbit mAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>Flow-Cyt</b> (1:50-100) <b>ICC/IF</b> (1:50-200)  <b>Reactivity:</b> Human  <b>Subcellular Location:</b> Secreted ,Cell membrane ,Cytoplasm ,Nucleus
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 7B8	
<b>GeneID:</b> 1956	<b>SWISS:</b> P00533	
<b>Target:</b> phospho-EGFR (Tyr1068)		
<b>Immunogen:</b> KLH conjugated Synthesised phosphopeptide derived from human EGFR around the phosphorylation site of Tyr1068: QR(p-Y)SS.		
<b>Purification:</b> affinity purified by Protein A		
<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> 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]		

**— SELECTED CITATIONS —**

- **[IF=4.292]** Longfei Xiao. et al. Dihydrotestosterone regulation of cyclooxygenase-2 expression in bovine endometrial epithelium cells by androgen receptor mediated EGFR/PI3K/Akt pathway. J Steroid Biochem. 2021 Nov;214:106001 WB ;Bovine. 10.1016/j.jsbmb.2021.106001
- **[IF=2]** Xuyang Zhang. et al. Activation of GPER1 alleviates white matter injury by promoting microglia M2 polarization through EGFR/Stat3 pathway in intracerebral hemorrhage mice. Journal of Stroke & Cerebrovascular Diseases. 2025 Apr;;108315 ;. 40228567