

**bsm-63211R****[ Primary Antibody ]**

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**EGF Recombinant Rabbit mAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 5G2**GeneID:** 1950**SWISS:** P01133**Target:** EGF**Immunogen:** A synthesized peptide derived from human EGF: 200-350/1207.**Purification:** affinity purified by Protein A**Storage:** 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.**Background:** EGF stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell culture. Magnesiotropic hormone that stimulates magnesium reabsorption in the renal distal convoluted tubule via engagement of EGFR and activation of the magnesium channel TRPM6.**Applications:** **WB** (1:1000-2000)  
**IP** (1:20-50)**Reactivity:** Human**Predicted  
MW.:** 134 kDa**Subcellular  
Location:** Cell membrane