

**bsm-62861R****[ Primary Antibody ]**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**phospho-GLUT4 (Ser488) Recombinant Rabbit mAb****DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**GeneID:** 6517**SWISS:** P14672**Target:** GLUT4 (Ser488)**Immunogen:** A synthesized peptide derived from human GLUT4 around the phosphorylation site of S488: H RTP-pS-LLE.**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:** Insulin-regulated facilitative glucose transporter, which plays a key role in removal of glucose from circulation. Response to insulin is regulated by its intracellular localization: in the absence of insulin, it is efficiently retained intracellularly within storage compartments in muscle and fat cells. Upon insulin stimulation, translocates from these compartments to the cell surface where it transports glucose from the extracellular milieu into the cell.**Applications:** WB (1:1000-2000)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 55**Subcellular Location:** Cell membrane ,Cytoplasm