

## Anti-Phospho-GLUT4 (Ser488) Antibody (8E948)

### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	8E948
Purification:	Affinity-chromatography

### Applications

Application:	WB
Recommended	WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human GLUT4 around the phosphorylation site of S488
Synonyms:	Insulin responsive glucose transporter type 4;p-GLUT4 (Ser488);p-GLUT4 (S488);GLUT4;GLUT4 (p-Ser488);SLC2A4;Glucose transporter type 4;Glucose transporter type 4 insulin responsive; Solute carrier family 2 member 4;Glucose transporter GLUT 4;insulin-responsive;GLUT4 (p-S488)

### Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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