

**SOCS4 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11847c****Specification**

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**SOCS4 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [Q8WXH5](#)

**SOCS4 Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 122809

**Other Names**

Suppressor of cytokine signaling 4, SOCS-4, Suppressor of cytokine signaling 7, SOCS-7, SOCS4, SOCS7

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SOCS4 Antibody (Center) Blocking peptide - Protein Information**

**Name** SOCS4

**Synonyms** SOCS7

**Function**

SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. Substrate- recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Inhibits EGF signaling by mediating the degradation of the Tyr-phosphorylated EGF receptor/EGFR.

**SOCS4 Antibody (Center) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**SOCS4 Antibody (Center) Blocking peptide - Images**

**SOCS4 Antibody (Center) Blocking peptide - Background**

Phosphorylation of cardiac myosin heavy chains (see MYH7B, MIM 609928) and light chains (see MYL2, MIM 160781) by a kinase, such as MYLK3, potentiates the force and rate of cross-bridgerecruitment in cardiac myocytes (Chan et al., 2008 [PubMed18202317]).

**SOCS4 Antibody (Center) Blocking peptide - References**

Al-Sadi, R., et al. J. Immunol. 180(8):5653-5661(2008) Chan, J.Y., et al. Circ. Res. 102(5):571-580(2008) Seguchi, O., et al. J. Clin. Invest. 117(10):2812-2824(2007)