

**Mouse Shb Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19244b****Specification**

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**Mouse Shb Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q6PD21](#)**Mouse Shb Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 230126**Other Names**

SH2 domain-containing adapter protein B, Shb

**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.

**Mouse Shb Antibody (C-term) Blocking Peptide - Protein Information****Name** Shb**Function**

Adapter protein which regulates several signal transduction cascades by linking activated receptors to downstream signaling components. May play a role in angiogenesis by regulating FGFR1, VEGFR2 and PDGFR signaling. May also play a role in T-cell antigen receptor/TCR signaling, interleukin-2 signaling, apoptosis and neuronal cells differentiation by mediating basic-FGF and NGF-induced signaling cascades. May also regulate IRS1 and IRS2 signaling in insulin- producing cells (By similarity).

**Cellular Location**

Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Associates with membrane lipid rafts upon TCR stimulation.

**Tissue Location**

Expressed in heart, liver, brain and kidney (at protein level).

**Mouse Shb Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **Mouse Shb Antibody (C-term) Blocking Peptide - Images**

#### **Mouse Shb Antibody (C-term) Blocking Peptide - Background**

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#### **Mouse Shb Antibody (C-term) Blocking Peptide - References**

Calounova, G., et al. PLoS ONE 5 (6), E11155 (2010) :Akerblom, B., et al. J. Endocrinol. 203(2):271-279(2009)Mokhtari, D., et al. Biochem. Biophys. Res. Commun. 387(3):553-557(2009)Funa, N.S., et al. Cancer Res. 69(5):2141-2148(2009)Funa, N.S., et al. Differentiation 76(5):443-453(2008)