

**Mouse Map4k4 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14459c****Specification**

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**Mouse Map4k4 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P97820](#)**Mouse Map4k4 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 26921**Other Names**

Mitogen-activated protein kinase kinase kinase 4, HPK/GCK-like kinase HGK, MAPK/ERK kinase kinase kinase 4, MEK kinase kinase 4, MEKKK 4, Nck-interacting kinase, Map4k4, Nik

**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 Map4k4 Antibody (Center) Blocking Peptide - Protein Information****Name** Map4k4**Synonyms** Nik**Function**

Serine/threonine kinase that may play a role in the response to environmental stress and cytokines such as TNF-alpha. Appears to act upstream of the JUN N-terminal pathway. Phosphorylates SMAD1 on Thr-322 (By similarity).

**Cellular Location**

Cytoplasm.

**Tissue Location**

Appears to be ubiquitous, expressed in all tissue types examined. Highest levels observed in heart and brain

**Mouse Map4k4 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **Mouse Map4k4 Antibody (Center) Blocking Peptide - Images**

#### **Mouse Map4k4 Antibody (Center) Blocking Peptide - Background**

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#### **Mouse Map4k4 Antibody (Center) Blocking Peptide - References**

Maruyama, T., et al. J. Bone Miner. Res. 25(5):1058-1067(2010)Guntur, K.V., et al. J. Biol. Chem. 285(9):6595-6603(2010)Aouadi, M., et al. Nature 458(7242):1180-1184(2009)Wittwer, T., et al. Biochem. Biophys. Res. Commun. 371(2):294-297(2008)Tesz, G.J., et al. J. Biol. Chem. 282(27):19302-19312(2007)