

**Mouse Mlk4 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP14157c****Specification**

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**Mouse Mlk4 Antibody (Center) Blocking peptide - Product Information**Primary Accession [Q8VDG6](#)**Mouse Mlk4 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 234878**Other Names**

Mitogen-activated protein kinase kinase kinase MLK4, Mixed lineage kinase 4, Mlk4, Kiaa1804

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP14157c was selected from the Center region of Mouse Mlk4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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 Mlk4 Antibody (Center) Blocking peptide - Protein Information****Name** Map3k21**Synonyms** Kiaa1804, Mlk4**Function**

Negative regulator of TLR4 signaling. Does not activate JNK1/MAPK8 pathway, p38/MAPK14, nor ERK2/MAPK1 pathways (By similarity).

**Mouse Mlk4 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**Mouse Mlk4 Antibody (Center) Blocking peptide - Images**

**Mouse Mlk4 Antibody (Center) Blocking peptide - Background**

Mlk4 activates the JUN N-terminal pathway (By similarity).

**Mouse Mlk4 Antibody (Center) Blocking peptide - References**

Katayama, S., et al. Science 309(5740):1564-1566(2005)