

Mouse Mos Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14693b**Specification****Mouse Mos Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P00536](#)**Mouse Mos Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 17451**Other Names**

Proto-oncogene serine/threonine-protein kinase mos, Oocyte maturation factor mos, Proto-oncogene c-Mos, Mos

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 Mos Antibody (C-term) Blocking Peptide - Protein Information**Name** Mos {ECO:0000312|MGI:MGI:97052}**Tissue Location**

Expressed specifically in testis during spermatogenesis

Mouse Mos Antibody (C-term) Blocking Peptide - Background

MOS is a proto oncogene (c-Mos) encoded protein serine/threonine kinase. MOS is a monomeric protein that indirectly activates MAP kinase (Erk1/2) by directly phosphorylating MAP kinase kinase (Mck, MAPKK, MKK). MOS is known as a cytostatic factor (CSF) and is also thought to arrest unfertilized amphibian and mammalian cells during M phase, thus regulating oocyte maturation. MOS is destroyed before fertilisation, after exit from meiosis II, making it a good marker for studies of eggs during oogenesis and maturation.

Mouse Mos Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you

may find useful for product applications.

- [Blocking Peptides](#)