

**SPDYC Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16461a****Specification**

---

**SPDYC Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q5MJ68](#)**SPDYC Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 387778**Other Names**

Speedy protein C, Rapid inducer of G2/M progression in oocytes C, RINGO C, hSpy/Ringo C, SPDYC  
([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=32681](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=32681))  
HGNC:32681

**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.

**SPDYC Antibody (N-term) Blocking Peptide - Protein Information****Name** SPDYC ([HGNC:32681](#))**Function**

Promotes progression through the cell cycle via binding and activation of CDK1 and CDK2. Involved in the spindle-assembly checkpoint. Required for recruitment of MAD2L1, BUBR1 and BUB1 to kinetochores. Required for the correct localization of the active form of Aurora B in prometaphase.

**Cellular Location**

Cytoplasm. Note=Colocalizes with tubulin gamma during interphase. During mitosis, enriched at the spindle poles and the midbody during telophase

**Tissue Location**

Expressed in a variety of tissues including bone marrow, kidney, small intestine, liver, placenta and testis

**SPDYC Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**SPDYC Antibody (N-term) Blocking Peptide - Images**

**SPDYC Antibody (N-term) Blocking Peptide - Background**

SPDYC promotes progression through the cell cycle via binding and activation of CDK1 and CDK2.

**SPDYC Antibody (N-term) Blocking Peptide - References**

Cheng, A., et al. Cell Cycle 7(19):3037-3047(2008) Cheng, A., et al. Cell Cycle 4(1):155-165(2005)