

MSF Antibody (A555) Blocking peptide
Synthetic peptide
Catalog # BP11539c**Specification**

MSF Antibody (A555) Blocking peptide - Product InformationPrimary Accession [Q9UHD8](#)**MSF Antibody (A555) Blocking peptide - Additional Information****Gene ID** 10801**Other Names**

Septin-9, MLL septin-like fusion protein MSF-A, MLL septin-like fusion protein, Ovarian/Breast septin, Ov/Br septin, Septin D1, SEPT9, KIAA0991, MSF

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.

MSF Antibody (A555) Blocking peptide - Protein Information**Name** SEPTIN9 ([HGNC:7323](#))**Synonyms** KIAA0991, MSF, SEPT9**Function**Filament-forming cytoskeletal GTPase (By similarity). May play a role in cytokinesis (Potential). May play a role in the internalization of 2 intracellular microbial pathogens, *Listeria monocytogenes* and *Shigella flexneri*.**Cellular Location**

Cytoplasm, cytoskeleton. Note=In an epithelial cell line, concentrates at cell-cell contact areas. After TGF-beta1 treatment and induction of epithelial to mesenchymal transition, colocalizes partly with actin stress fibers. During bacterial infection, displays a collar shape structure next to actin at the pole of invading bacteria

Tissue Location

Widely expressed. Isoforms are differentially expressed in testes, kidney, liver heart, spleen, brain, peripheral blood leukocytes, skeletal muscle and kidney. Specific isoforms appear to demonstrate tissue specificity. Isoform 5 is the most highly expressed in fetal tissue. Isoform 1 is detected in all tissues except the brain and thymus, while isoform 2, isoform 3, and isoform 4 are detected at low

levels in approximately half of the fetal tissues

MSF Antibody (A555) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MSF Antibody (A555) Blocking peptide - Images

MSF Antibody (A555) Blocking peptide - Background

This gene is a member of the septin family involved in cytokinesis and cell cycle control. This gene is a candidate for the ovarian tumor suppressor gene. Mutations in this gene cause hereditary neuralgic amyotrophy, also known as neuritis with brachial predilection. A chromosomal translocation involving this gene on chromosome 17 and the MLL gene on chromosome 11 results in acute myelomonocytic leukemia. Multiple alternatively spliced transcript variants encoding different isoforms have been described.

MSF Antibody (A555) Blocking peptide - References

Saito, H., et al. Cancer Genet. Cytogenet. 201(2):111-115(2010) Amir, S., et al. Mol. Cancer Res. 8(5):643-652(2010) Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010) Santos, J., et al. Cancer Genet. Cytogenet. 197(1):60-64(2010) Tanzer, M., et al. PLoS ONE 5 (2), E9061 (2010) :