

MSC Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17919b**Specification**

MSC Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O60682](#)

MSC Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 9242

Other Names

Musculin, Activated B-cell factor 1, ABF-1, Class A basic helix-loop-helix protein 22, bHLHa22, MSC, ABF1, BHLHA22

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.

MSC Antibody (C-term) Blocking Peptide - Protein Information

Name MSC

Synonyms ABF1, BHLHA22

Function

Transcription repressor capable of inhibiting the transactivation capability of TCF3/E47. May play a role in regulating antigen-dependent B-cell differentiation.

Cellular Location

Nucleus.

Tissue Location

Expressed in lymphoid tissues, B-cell lines and activated B-cells

MSC Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MSC Antibody (C-term) Blocking Peptide - Images

MSC Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene is a transcriptional repressor capable of binding an E-box element either as a homodimer or as a heterodimer with E2A in vitro. The encoded protein also forms heterodimers with E2A proteins in vivo. This protein is capable of inhibiting the transactivation capability of E47, an E2A protein, in mammalian cells. This gene is a downstream target of the B-cell receptor signal transduction pathway. [provided by RefSeq].

MSC Antibody (C-term) Blocking Peptide - References

Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :Ushmorov, A., et al. Leukemia 22(10):1942-1944(2008) Knight, J.C., et al. Nat. Genet. 36(4):394-399(2004) Wong, J., et al. DNA Cell Biol. 20(8):465-471(2001) Robb, L., et al. Genomics 57(2):318-319(1999)