

MIC1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7299c**Specification**

MIC1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q96DM3](#)**MIC1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 29919**Other Names**

Uncharacterized protein C18orf8, Colon cancer-associated protein Mic1, Mic-1, C18orf8, MIC1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7299c](/product/products/AP7299c) was selected from the Center region of human MIC1. 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.

MIC1 Antibody (Center) Blocking Peptide - Protein Information**Name** RMC1 ([HGNC:24326](#))**Synonyms** C18orf8, MIC1, WDR98**Function**

Component of the CCZ1-MON1 RAB7A guanine exchange factor (GEF). Acts as a positive regulator of CCZ1-MON1A/B function necessary for endosomal/autophagic flux and efficient RAB7A localization (PubMed: <http://www.uniprot.org/citations/29038162> target="_blank">29038162).

Cellular Location

Lysosome membrane. Late endosome membrane

MIC1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MIC1 Antibody (Center) Blocking Peptide - Images

MIC1 Antibody (Center) Blocking Peptide - Background

Macrophage inhibitory cytokine-1 (MIC-1) is a member of the transforming growth factor- β superfamily, which is overexpressed in a variety of human cancers, including breast and gastric cancer.

MIC1 Antibody (Center) Blocking Peptide - References

Olsen, J.V., Cell 127 (3), 635-648 (2006) Ota T., Nat. Genet. 36:40-45 (2004)