

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

---

**MIC1 Antibody (Center) Blocking Peptide - Product Information**Primary 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- $\beta$  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)