

MIC1 / C18orf8 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2579a**Specification**

MIC1 / C18orf8 Antibody (internal region) - Product Information

Application	WB, IHC, E
Primary Accession	Q96DM3
Other Accession	NP_037458.3 , 29919 , 76482 (mouse) , 291784 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	74975

MIC1 / C18orf8 Antibody (internal region) - Additional Information**Gene ID** 29919**Other Names**

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

DilutionWB~~1:1000
IHC~~1:100~500
E~~N/A**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MIC1 / C18orf8 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

MIC1 / C18orf8 Antibody (internal region) - 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:29038162).

Cellular Location

Lysosome membrane. Late endosome membrane

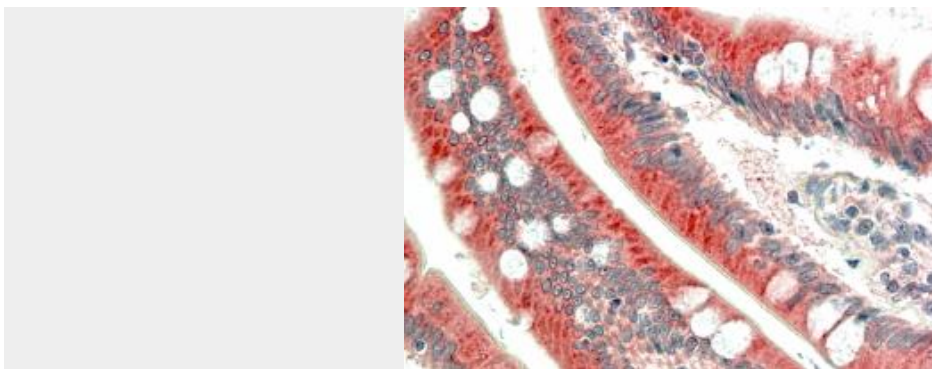
MIC1 / C18orf8 Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MIC1 / C18orf8 Antibody (internal region) - Images

AF2579a (1 µg/ml) staining of Human Breast lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF2579a (5 µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

MIC1 / C18orf8 Antibody (internal region) - References

Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, Blagoev B, Gnädig F, Macek B, Kumar C, Mortensen P, Mann M Cell. 2006 Nov 3;127(3):635-48. PMID: 17081983