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MIC1 Rabbit pAb

Catalog # AP96370

Product Information

Application	WB
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RMC1
Epitope Specificity	101-200/657
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the RMC1 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	MIC1 is a 657 amino acid protein that contains one MIC1 domain and is encoded by a gene which maps to human chromosome 18. Chromosome 18 houses over 300 protein-coding genes and contains nearly 76 million bases. There are a variety of diseases associated with defects in chromosome 18-localized genes, some of which include Trisomy 18 (also known as Edwards syndrome), Niemann-Pick disease, hereditary hemorrhagic telangiectasia, erythropoietic protoporphyria and follicular lymphomas.

Additional Information

Gene ID	29919
Other Names	C18orf8; HsT2591; MIC1; Mic-1; WDR98; regulator of MON1-CCZ1; chromosome 18 open reading frame 8; WD repeat domain 98; colon cancer associated protein Mic1
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	MIC1 Rabbit pAb
Function	Componement 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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.