

CD59 Antibody
Rat Monoclonal Antibody
Catalog # ALS13924**Specification**

CD59 Antibody - Product Information

Application	WB, IHC-P, IHC-F, FC
Primary Accession	P13987
Reactivity	Human
Host	Rat
Clonality	Monoclonal
Calculated MW	14kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IHC-F~~N/A FC~~1:10~50

CD59 Antibody - Additional Information**Gene ID** 966**Other Names**

CD59 glycoprotein, 1F5 antigen, 20 kDa homologous restriction factor, HRF-20, HRF20, MAC-inhibitory protein, MAC-IP, MEM43 antigen, Membrane attack complex inhibition factor, MACIF, Membrane inhibitor of reactive lysis, MIRL, Protectin, CD59, CD59, MIC11, MIN1, MIN2, MIN3, MSK21

Target/Specificity

Recognizes the human CD59 cell surface antigen, an 18-20kD GPI linked glycoprotein broadly expressed by human leucocytes and erythrocytes. Clone YTH53.1 has been shown to block the normal function of CD59. Removal of sodium azide is recommended prior ...

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

CD59 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CD59 Antibody - Protein Information**Name** CD59**Synonyms** MIC11, MIN1, MIN2, MIN3, MSK21**Function**

Potent inhibitor of the complement membrane attack complex (MAC) action. Acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears

to be species-specific. Involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.

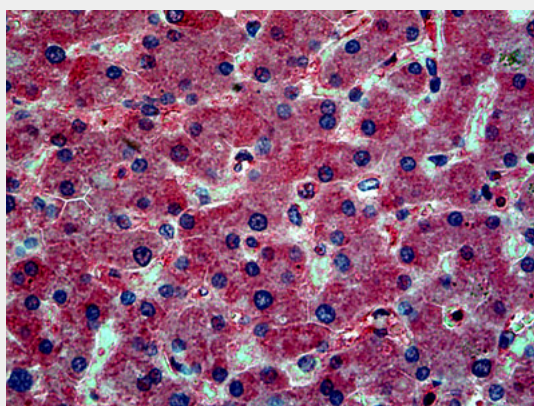
Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor. Secreted. Note=Soluble form found in a number of tissues

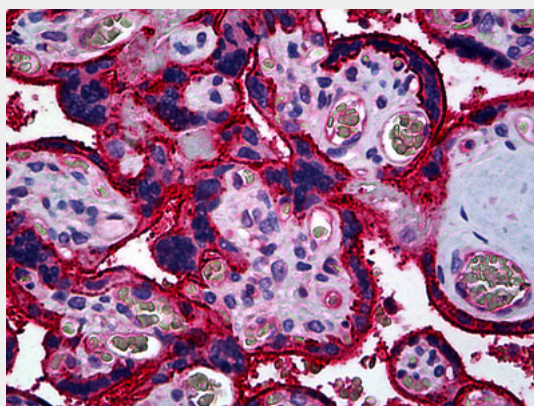
CD59 Antibody - Protocols

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](#)

CD59 Antibody - Images

Anti-CD59 antibody IHC of human liver.



Anti-CD59 antibody IHC of human placenta.

CD59 Antibody - Background

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C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. Involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.

CD59 Antibody - References

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