

**CD59 Antibody (clone p282(H19))**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS12025**

**Specification**

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**CD59 Antibody (clone p282(H19)) - Product Information**

Application	IHC
Primary Accession	<a href="#">P13987</a>
Reactivity	Human, Monkey, Baboon
Host	Mouse
Clonality	Monoclonal
Calculated MW	14kDa KDa

**CD59 Antibody (clone p282(H19)) - 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

**Reconstitution & Storage**

+4°C. Store undiluted.

**Precautions**

CD59 Antibody (clone p282(H19)) is for research use only and not for use in diagnostic or therapeutic procedures.

**CD59 Antibody (clone p282(H19)) - 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**

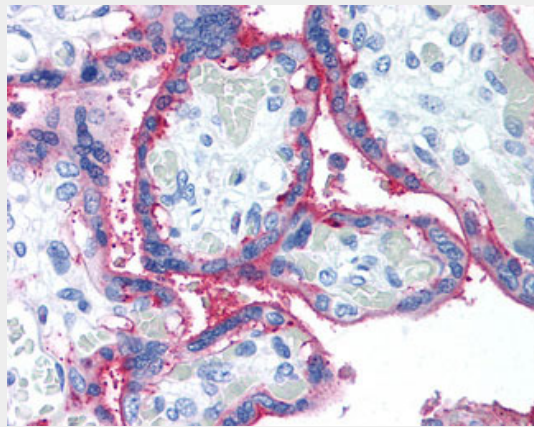
Cell membrane; Lipid-anchor, GPI-anchor. Secreted. Note=Soluble form found in a number of tissues

## CD59 Antibody (clone p282(H19)) - 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 (clone p282(H19)) - Images



Anti-CD59 antibody IHC of human placenta.

## CD59 Antibody (clone p282(H19)) - Background

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.

## CD59 Antibody (clone p282(H19)) - References

- Davies A., et al. *J. Exp. Med.* 170:637-654(1989).
- Philbrick W.M., et al. *Eur. J. Immunol.* 20:87-92(1990).
- Okada H., et al. *Biochem. Biophys. Res. Commun.* 162:1553-1559(1989).
- Sugita Y., et al. *J. Biochem.* 106:555-557(1989).
- Sawada R., et al. *DNA Cell Biol.* 9:213-220(1990).