

CD59 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS16747**Specification**

CD59 Antibody (N-Terminus) - Product Information

Application	IHC, WB
Primary Accession	P13987
Other Accession	966
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	14177

CD59 Antibody (N-Terminus) - Additional Information**Gene ID** 966**Other Names**

CD59, 16.3A5, 1F5, 1F5 antigen, CD59 glycoprotein, EL32, EJ16, G344, HRF-20, MAC-IP, MACIF, Ly-6-like protein, MEM43, MIRC, MEM43 antigen, MIN2, MIN3, MSK21, p18-20, Protectin, MAC-inhibitory protein, MIC11, T cell-activating protein, CD59 antigen, E ...

Target/Specificity

Human CD59

Reconstitution & Storage

PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

CD59 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CD59 Antibody (N-Terminus) - 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

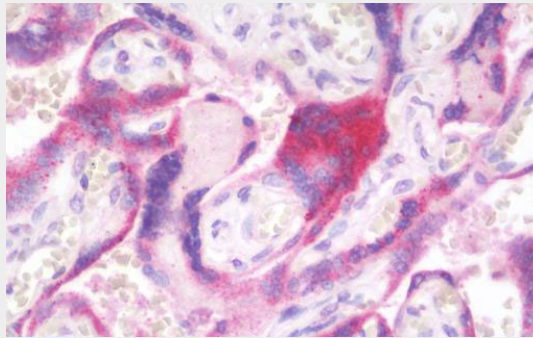
Cell membrane; Lipid-anchor, GPI-anchor. Secreted. Note=Soluble form found in a number of tissues

CD59 Antibody (N-Terminus) - Protocols

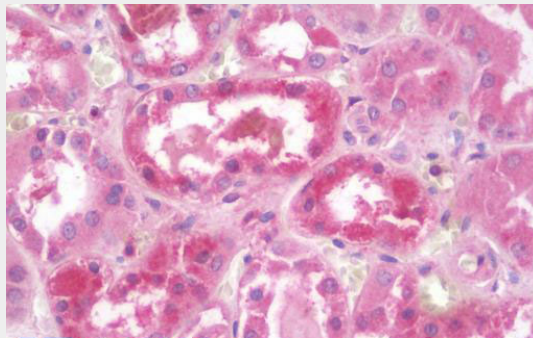
Provided below are standard protocols that you may find useful for product applications.

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

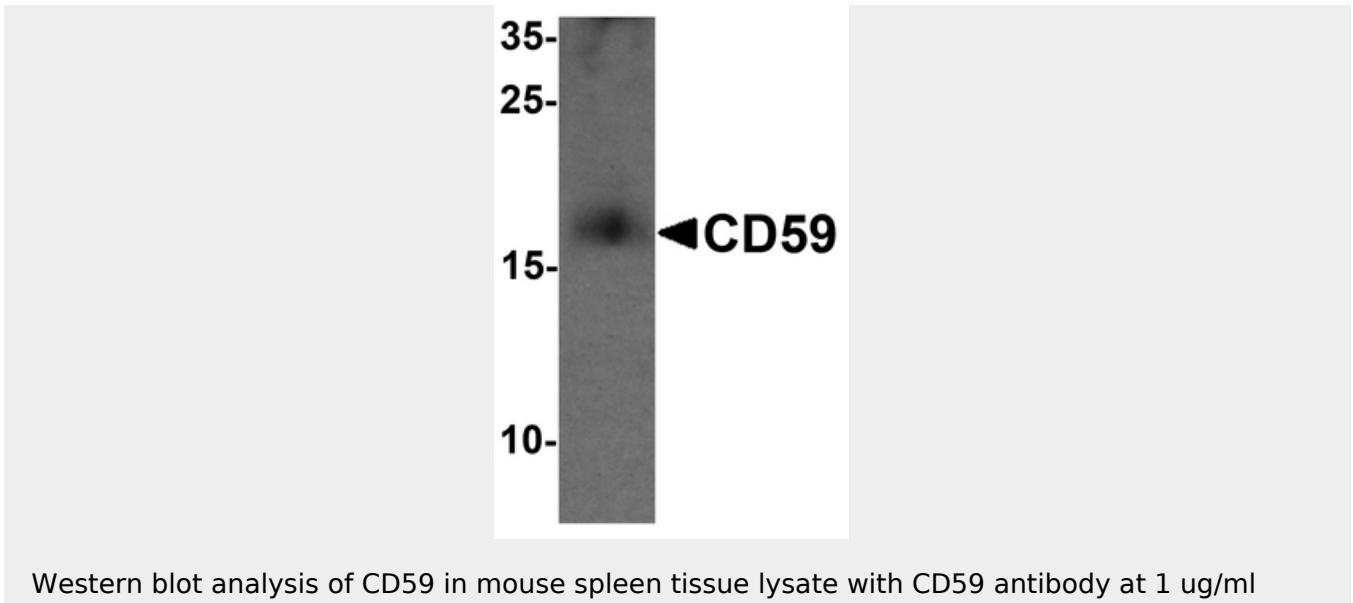
CD59 Antibody (N-Terminus) - Images



Anti-CD59 antibody IHC staining of human placenta.



Anti-CD59 antibody IHC staining of human kidney.



CD59 Antibody (N-Terminus) - 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 (N-Terminus) - 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).