

href="http://www.uniprot.org/citations/9053451" target="_blank">9053451). Acts by binding to the beta-haipins of C8 (C8A and C8B) components of the assembling MAC, forming an intermolecular beta-sheet that prevents incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore (PubMed:11882685, PubMed:1698710, PubMed:36797260).

Cellular Location

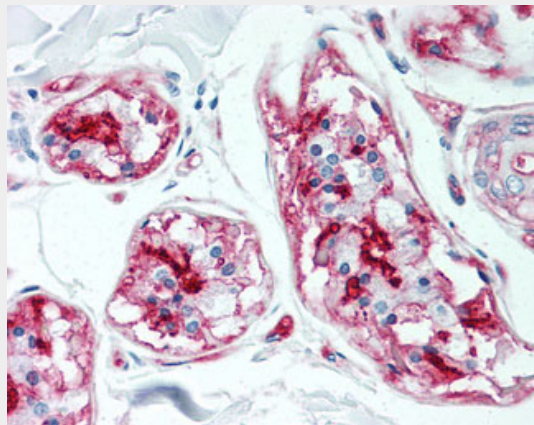
Cell membrane; Lipid-anchor, GPI-anchor. Secreted. Note=Localizes to the cell surface (PubMed:36797260). Soluble form found in a number of tissues (PubMed:8670172).

CD59 Antibody (clone MEM-43) - 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 MEM-43) - Images



Anti-CD59 antibody IHC of human skin, sweat glands.

CD59 Antibody (clone MEM-43) - 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 MEM-43) - 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).