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Anti-CD59 Reference Antibody (Quark patent anti-CD59)

Recombinant Antibody
Catalog # APR10814

Specification

Anti-CD59 Reference Antibody (Quark patent anti-CD59) - Product Information

Application	**FC, Kinetics, Animal Model**
Primary Accession	P13987
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG1**
Calculated MW	**150 KDa**

Anti-CD59 Reference Antibody (Quark patent anti-CD59) - Additional Information

Target/Specificity
CD59

Endotoxin
< 0.001EU/ μg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-CD59 Reference Antibody (Quark patent anti-CD59) - Protein Information

Name CD59 {ECO:0000303|PubMed:2475570, ECO:0000312|HGNC:HGNC:1689}

Function
Potent inhibitor of the complement membrane attack complex (MAC) action, which protects human cells from damage during complement activation (PubMed:11882685, PubMed:1698710, PubMed:2475111, PubMed:2475570, PubMed:2606909, PubMed: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:<a

href="http://www.uniprot.org/citations/1698710" target="_blank">1698710, PubMed:36797260).

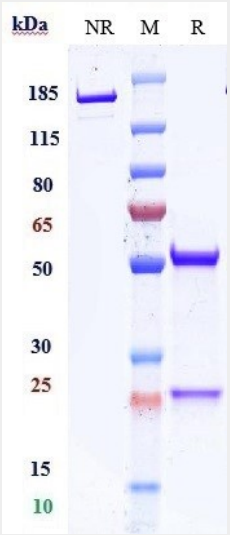
Cellular Location
Cell membrane; Lipid-anchor, GPI-anchor. Secreted. Note=Localizes to the cell surface (PubMed:36797260). Soluble form found in a number of tissues (PubMed:8670172).

Anti-CD59 Reference Antibody (Quark patent anti-CD59) - Protocols

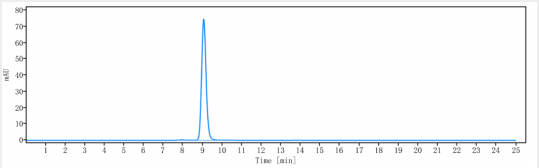
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-CD59 Reference Antibody (Quark patent anti-CD59) - Images



Anti-CD59 Reference Antibody (Quark patent anti-CD59) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-CD59 Reference Antibody (Quark patent anti-CD59)is more than 95% ,determined by SEC-HPLC.