

CD59 Antibody

Rabbit mAb Catalog # AP91166

Specification

CD59 Antibody - Product Information

Application WB, FC, ICC, IP

Primary Accession P13987
Clonality Monoclonal

Other Names

CD59 glycoprotein; HRF20; MAC-IP; MEM43 antigen; MACIF; MIRL; Protectin; MIC11; MIN1; p18 20;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 14177 Da

CD59 Antibody - Additional Information

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

CD59

Description CD59 is a GPI-anchored glycoprotein that is

expressed on leukocytes, vascular endothelial cells, various epithelial cells

and placenta. Involved in signal transduction for T-cell activation

complexed to a protein tyrosine kinase. Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

CD59 Antibody - Protein Information

Storage Condition and Buffer

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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD59 Antibody - Images



Western blot analysis of CD59 expression in HUVEC cell lysate.