

**Anti-CD59 Rabbit Monoclonal Antibody**  
**Catalog # ABO13527****Specification**

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**Anti-CD59 Rabbit Monoclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IF, ICC, IP, FC    |
| Primary Accession | <a href="#">P13987</a> |
| Host              | Rabbit                 |
| Isotype           | Rabbit IgG             |
| Reactivity        | Human                  |
| Clonality         | Monoclonal             |
| Format            | Liquid                 |

**Description**

Anti-CD59 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.

**Anti-CD59 Rabbit Monoclonal Antibody - 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

**Calculated MW**

14177 MW KDa

**Application Details**

WB 1:1000-1:5000<br>ICC/IF 1:50-1:200<br>IP 1:50<br>FC 1:50

**Subcellular Localization**

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

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human CD59

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

## Anti-CD59 Rabbit Monoclonal Antibody - 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

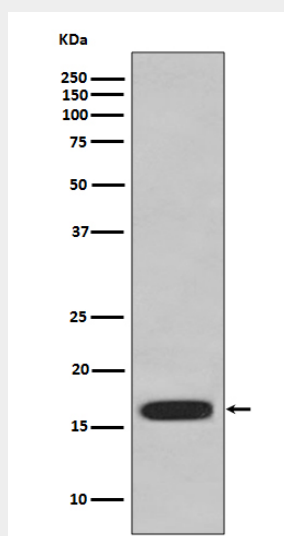
Cell membrane; Lipid-anchor, GPI-anchor. Secreted. Note=Soluble form found in a number of tissues

## Anti-CD59 Rabbit Monoclonal Antibody - Protocols

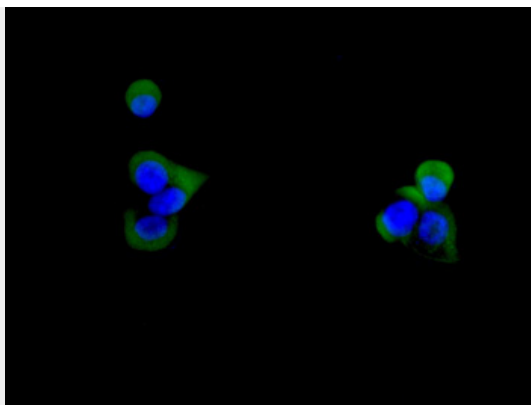
Provided below are standard protocols that you may find useful for product applications.

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

## Anti-CD59 Rabbit Monoclonal Antibody - Images



Western blot analysis of CD59 expression in HUVEC cell lysate.



Immunofluorescent analysis of BxPC-3 cells, using CD59 Antibody.