# Rabbit anti-Human CD59 Monoclonal Antibody | anti-CD59 antibody

CD59 Rabbit mAb

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA62411** | **Rabbit** | **Human** | **Flow Cytometry, Functional Assay, Western Blot** |

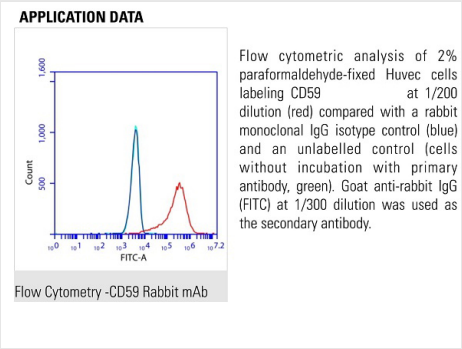
## PRODUCT SYNONYMS

CD59; Monoclonal Antibody; CD59 Rabbit mAb; CD59 glycoprotein; anti-CD59 antibody

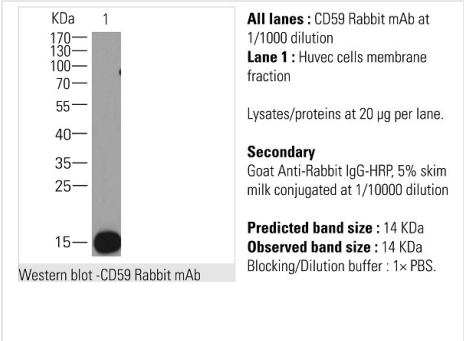
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | IgG |
| **Sequence Length** | 128 |
| **Applicable Applications for anti-CD59 antibody** | FCM/FACS (Flow Cytometry), WB (Western Blot) |
| **Source Note** | This monoclonal antibody is produced by immunizing animals with a polypeptide corresponding to CD59 protein. |
| **Preparation and Storage** | Store at -20 degree C. Stable for one year from the date of shipment. |

## IMAGES




**FCM/FACS (Flow Cytometry)**




**WB (Western Blot)**

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-CD59 antibody** | This gene encodes a cell surface glycoprotein that regulates complement-mediated cell lysis, and it is involved in lymphocyte signal transduction. This protein is a potent inhibitor of the complement membrane attack complex, whereby it binds complement C8 and/or C9 during the assembly of this complex, thereby inhibiting the incorporation of multiple copies of C9 into the complex, which is necessary for osmolytic pore formation. This protein also plays a role in signal transduction pathways in the activation of T cells. Mutations in this gene cause CD59 deficiency, a disease resulting in hemolytic anemia and thrombosis, and which causes cerebral infarction. Multiple alternatively spliced transcript variants, which encode the same protein, have been identified for this gene. |
| **Product Categories/Family for anti-CD59 antibody** | CD Marker; Subcellular Marker; Membrane |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 10835165 |
| **NCBI GeneID** | 966 |
| **NCBI Accession #** | NP_000602.1 |
| **NCBI GenBank Nucleotide #** | NM_000611.5 |
| **UniProt Accession #** | P13987 |
| **Molecular Weight** | 14kDa |
| **NCBI Official Full Name** | CD59 glycoprotein preproprotein |
| **NCBI Official Synonym Full Names** | CD59 molecule (CD59 blood group) |
| **NCBI Official Symbol** | CD59 |
| **NCBI Official Synonym Symbols** | 1F5; EJ16; EJ30; EL32; G344; MIN1; MIN2; MIN3; MIRL; HRF20; MACIF; MEM43; MIC11; MSK21; 16.3A5; HRF-20; MAC-IP; p18-20 |
| **NCBI Protein Information** | CD59 glycoprotein |
| **UniProt Protein Name** | CD59 glycoprotein |
| **UniProt Gene Name** | **CD59** |
| **UniProt Synonym Gene Names** | MIC11; MIN1; MIN2; MIN3; MSK21; HRF-20; HRF20; MAC-IP; MACIF; MIRL |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/cd59-antibody-flow-cytometry-western-blot-elisa/62411