

## CD59 Glycoprotein (CD59) Antibody (HRP)

Catalogue No.: abx108082

CD59 Glycoprotein Antibody (HRP) is a Rabbit Polyclonal antibody conjugated to HRP against CD59 Glycoprotein. CD59 is 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 (MAC), 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 inhibitor appears to be species-specific. This protein also plays a role in signal transduction for T-cell activation complexed to a protein tyrosine kinase. CD59 deficiency results in hemolytic anemia and thrombosis, which can lead to cerebral infarction.

**Target:** CD59 Glycoprotein (CD59)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA

**Host:** Rabbit

**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** HRP

**Immunogen:** Recombinant human CD59 glycoprotein (26-102 AA).

**Isotype:** IgG

**Form:** Liquid

**Purity:** > 95%

**Purification:** Purified by Protein G.

**Storage:** Aliquot and store at -20°C. Avoid exposure to light. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** P13987 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** CD59

**GeneID:** [966](#)

**OMIM:** [107271](#)

# Datasheet

Version: 2.0.0

Revision date: 15 Oct 2025



**Buffer:** 0.1 mol/L NaCl, 15 mmol/L NaN<sub>3</sub>, pH 7.2.

**Concentration:** 0.42 mg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only