

Protectin (CD59) Antibody (HRP)

Catalogue No.: abx108081

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

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: ELISA

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

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

Purity: > 95%

Purification: Protein G.

Form: Liquid

Isotype: IgG

Conjugation: HRP

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

Swiss Prot: [P13987](#)

GeneID: [966](#)

Gene Symbol: CD59

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Buffer: 0.01 M PBS, pH 7.4, 0.03% Proclin-300 and 50% Glycerol.

Note: This product is for research use only.