

Recombinant CD59 Monoclonal Antibody

catalog number: **AN301483L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

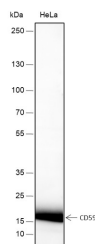
Description

Reactivity	Human;
Immunogen	Recombinant human CD59 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A178
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

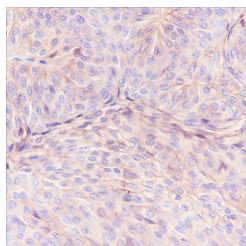
WB	1:500-1:2000
IHC	1:200-1:1000

Data

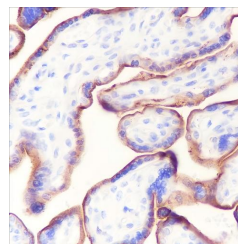


Western Blot with CD59 Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa

Observed-MW:18 kDa
Calculated-MW:14 kDa



Immunohistochemistry of paraffin-embedded Human bladder cancer using CD59 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human placenta using CD59 Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

CD59 is a widely expressed membrane regulatory protein, and its C-terminus is fixed on the cell surface via a GPI anchor. CD59 has different names due to its functions, such as homologous restriction factor-20, protectin and membrane inhibitor of reactive lysis (MIRL). The main physiological function of CD59 is to prevent the complement membrane attack complex (MAC) from lysing and destroying cells of the same species or its own, that is, homologous species restriction (HSR).

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