

CD59 Polyclonal Antibody

Catalog Number:E-AB-13133

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

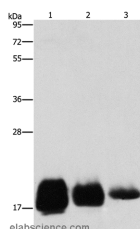
Description

Reactivity	Human
Immunogen	Synthetic peptide of human CD59
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications Recommended Dilution

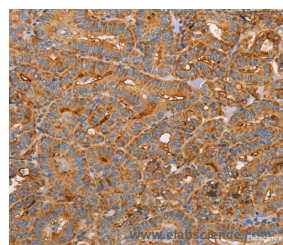
WB	1:500-1:2000
IHC	1:100-1:300

Data

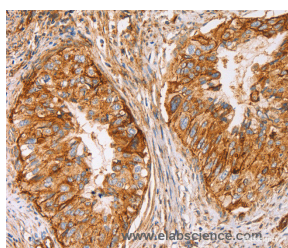


Western Blot analysis of Huvec, hela and SKOV3 cell using CD59 Polyclonal Antibody at dilution of 1:500

Calculated Mw:14kDa



Immunohistochemistry of paraffin-embedded Human thyroid cancer using CD59 Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Human cervical cancer using CD59 Polyclonal Antibody at dilution of 1:50

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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

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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.

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