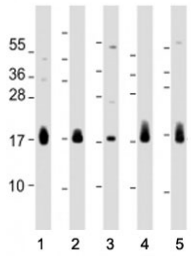
CD59 Antibody (Center Region) (F54091)

Catalog No.	Formulation	Size
F54091-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P13987
Applications	WB: 1:2000
Limitations	This CD59 antibody is available for research use only.



Western blot testing of CD59 antibody at 1:2000: Lane 1) human HUVEC, 2) BxPC-3, 3) PC-3, 4) breast and 5) placenta lysate. Predicted molecular weight ~14/18-20 kDa (unmodified/glycosylated).

Description

Potent inhibitor of the complement membrane attack complex (MAC) action. Acts by binding to the C8 and/or C9 complements of the assembling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. Involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the CD59 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 74-110 from human CD59 was used as the immunogen for the CD59 antibody.

Storage

Aliquot the CD59 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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