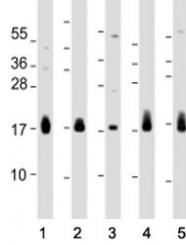


## CD59 Antibody (Center Region) (F54091)

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

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P13987
<b>Applications</b>	Western Blot : 1:2000
<b>Limitations</b>	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.