

Datasheet for ABIN1845905
anti-CD59 antibody (AA 31-111)

13 Images

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Overview

Quantity:	100 µL
Target:	CD59
Binding Specificity:	AA 31-111
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD59 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (fixed cells) (IF/ICC)

Product Details

Immunogen:	Purified recombinant fragment of human CD59 (AA: 31-111) expressed in E. Coli.
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	CD59
Alternative Name:	CD59 (CD59 Products)
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

Target Details

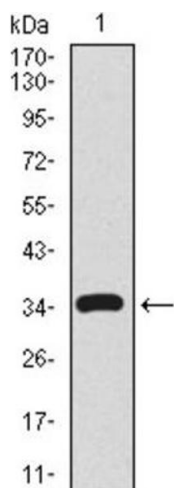
	assembly of this complex, thereby inhibiting the incorporation of multiple copies of C9 into the complex, which is necessary for osmolytic pore formation.
Molecular Weight:	14.2 kDa
Gene ID:	966
UniProt:	P13987
Pathways:	Complement System

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

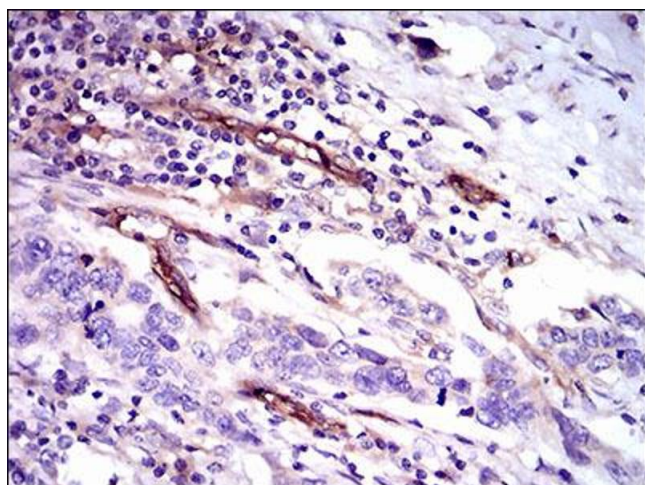
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



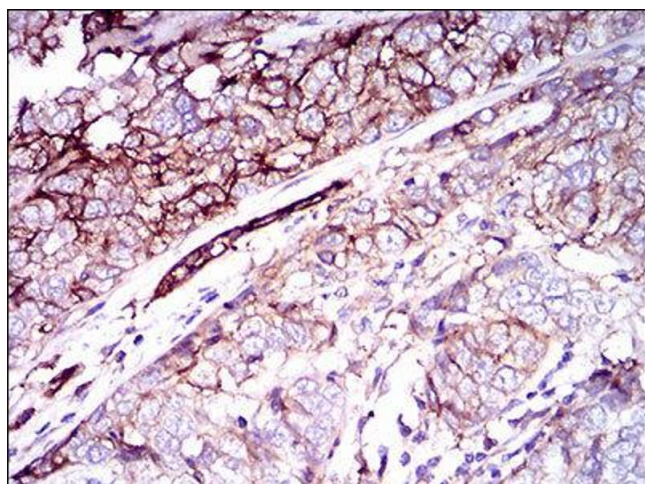
Western Blotting

Image 1. Western blot analysis using CD59 antibody against human CD59 recombinant protein. (Expected MW is 34.7 kDa).



Western Blotting

Image 2. Western blot analysis using CD59 antibody against HEK293 (1) and CD59 (AA: 31-111) -hlgGFc transfected HEK293 (2) cell lysate.



Immunohistochemistry

Image 3.

Please check the [product details page](#) for more images. Overall 13 images are available for ABIN1845905.