

Datasheet for ABIN732338
anti-CD59 antibody (AA 52-100)

3 Images

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Overview

Quantity:	100 µL
Target:	CD59
Binding Specificity:	AA 52-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD59 antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CD59
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	CD59
Alternative Name:	CD59 (CD59 Products)

Target Details

Background:	<p>Synonyms: 1F5, EJ16, EJ3, EL32, G344, MIN1, MIN2, MIN3, MIRL, HRF2, MACIF, MEM43, MIC11, MSK21, 16.3A5, HRF-2, MAC-IP, p18-2, CD59 glycoprotein, 1F5 antigen, 2 kDa homologous restriction factor, MAC-inhibitory protein, MEM43 antigen, Membrane attack complex inhibition factor, Membrane inhibitor of reactive lysis, Protectin, CD59</p> <p>Background: 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. The soluble form from urine retains its specific complement binding activity, but exhibits greatly reduced ability to inhibit MAC assembly on cell membranes.</p>
Gene ID:	966
UniProt:	P13987
Pathways:	Complement System

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

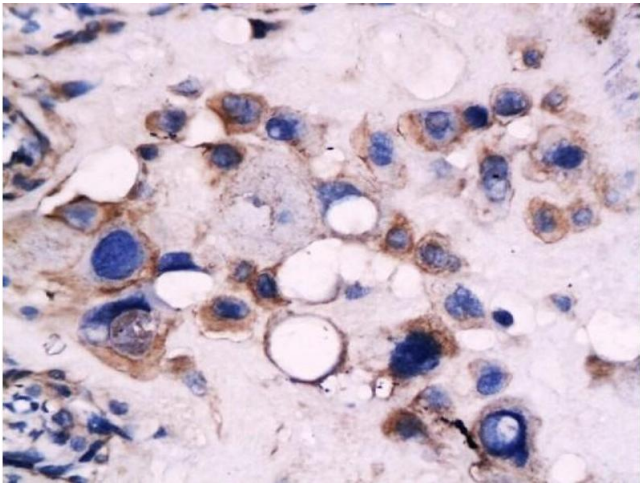
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

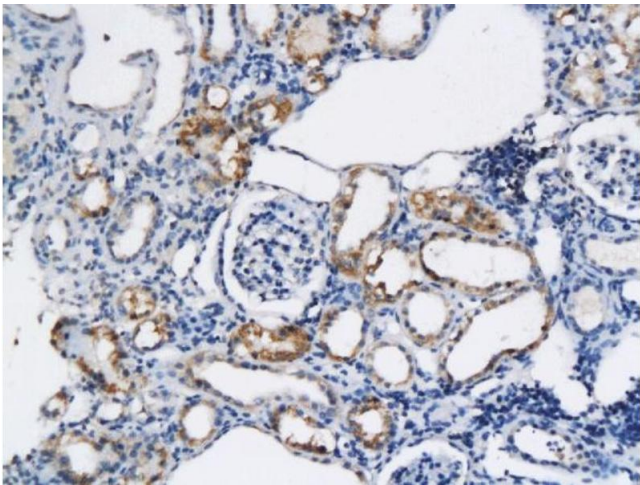
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human placenta labeled with Anti-CD59 Polyclonal Antibody, Unconjugated (ABIN732338) followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat kidney labeled with Anti-CD59 Polyclonal Antibody, Unconjugated (ABIN732338) followed by conjugation to the secondary antibody and DAB staining

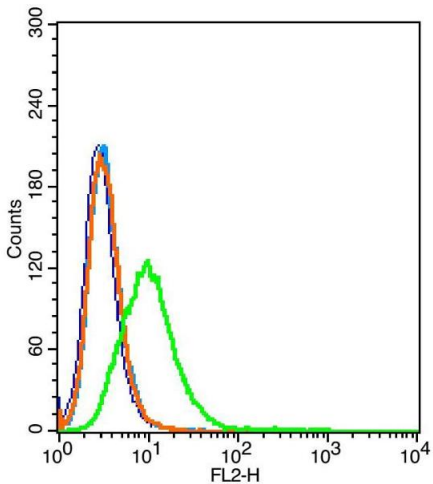


Image 3. 293T cells probed with CD59 Polyclonal Antibody, unconjugated at 1:100 dilution for 30 minutes compared to control cells (blue) and isotype control (orange)