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Datasheet for ABIN947663  
**anti-CD59 antibody (AA 1-128)**

4 Images

Overview

Quantity:	100 µg
Target:	CD59
Binding Specificity:	AA 1-128
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD59 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant CD59.
Immunogen:	CD59 (NP_000602.1, 1 a.a. ~ 128 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGIQGGSVLF GLLLVLAVFC HSGHSLQCYN CPNPTADCKT AVNCSSDFDA CLITKAGLQV YNKCWKFEHC NFNDVTTTLR ENELTYYCCK KDLCNFNEQL ENGGTSLSEK TVLLLVTPFL AAAWSLHP
Clone:	3G6
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target: CD59

Alternative Name: CD59 ([CD59 Products](#))

Background: Full Gene Name: CD59 Molecule, complement regulatory protein  
Synonyms: 16.3A5,1F5,EJ16,EJ30,EL32,FLJ38134,FLJ92039,G344,HRF-20,HRF20,MAC-IP,MACIF,MEM43,MGC2354,MIC11,MIN1,MIN2,MIN3,MIRL,MSK21,p18-20

Gene ID: 966

NCBI Accession: [NM\\_000611](#)

Pathways: [Complement System](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

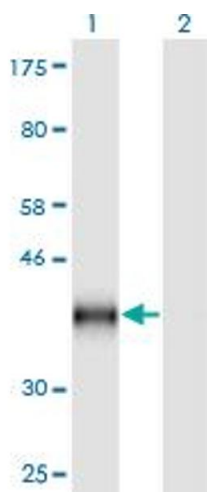
Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



### Western Blotting

**Image 1.** Western Blot analysis of CD59 expression in transfected 293T cell line by CD59 monoclonal antibody (M02), clone 3G6.

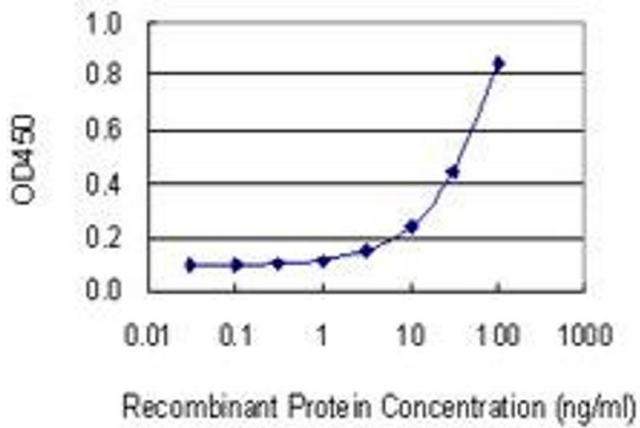
Lane 1: CD59 transfected lysate (Predicted MW: 41.2 KDa).

Lane 2: Non-transfected lysate.



### Western Blotting

**Image 2.** CD59 monoclonal antibody (M02), clone 3G6. Western Blot analysis of CD59 expression in HeLa.



### ELISA

**Image 3.** Detection limit for recombinant GST tagged CD59 is 1 ng/ml as a capture antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN947663.