

**DATASHEET**

**CD59 Rabbit Monoclonal Antibody(C1311)**

CAT. NO. AMA00923

**KEY FEATURES**

Target	CD59	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.	Storage	at-20°C

**BACKGROUND**

Potent inhibitor of the complement membrane attack complex (MAC) action, which protects human cells from damage during complement activation action, which protects human cells from damage during complement activation . Acts by binding to the beta-haipins of C8 (C8A and C8B) components of the assembling MAC, forming an intermolecular beta-sheet that prevents incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
----	----------------

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

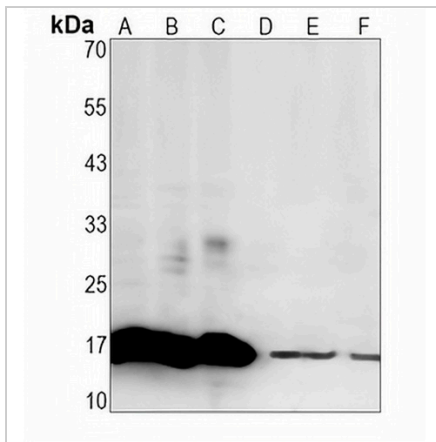
Description	Recombinant rabbit monoclonal antibody to CD59
Specificity	Recognizes endogenous levels of CD59 protein
Antibody Type	Primary antibody, Recombinant
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human CD59 protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 14 kD; Observed: 16 kD
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Alternative Names	MIC11; MIN1; MIN2; MIN3; MSK21; CD59 glycoprotein; 1F5 antigen; 20 kDa homologous restriction factor; HRF-20; HRF20; MAC-inhibitory protein; MAC-IP; MEM43 antigen; Membrane attack complex inhibition factor; MACIF; Membrane inhibitor of reactive lysis; MIRL; Protectin; CD59
Gene Symbol	CD59
Entrez Gene	966(Human); 25407(Rat)
SwissProt	P13987(Human); P27274(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET****CD59 Rabbit Monoclonal Antibody(C1311)**

CAT. NO. AMA00923

**DATA**

Western blot analysis of CD59 expression in Jurkat (A), HuT78 (B), MCF7 (C), mouse liver (D), mouse muscle (E), rat liver (F) whole cell lysates. (Predicted band size: 14 kD; Observed band size: 16 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.