

**DATASHEET**

**CD96 Mouse Monoclonal Antibody(C2614)**

**CAT. NO. AMA02226**

**KEY FEATURES**

Target	CD96	Source / Host	Mouse
Reactivity	Human, Mouse	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

**BACKGROUND**

May be involved in adhesive interactions of activated T and NK cells during the late phase of the immune response. Promotes NK cell-target adhesion by interacting with PVR present on target cells. May function at a time after T and NK cells have penetrated the endothelium using integrins and selectins, when they are actively engaging diseased cells and moving within areas of inflammation.

**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
FC	1:100 - 1:200

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

**PRODUCT OVERVIEW**

Description	Mouse monoclonal to CD96
Specificity	Recognizes endogenous levels of CD96 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD96 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 66 kD; Observed: 66 kD
Form/Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	T-cell surface protein tactile; Cell surface antigen CD96; T cell-activated increased late expression protein; CD96
Gene Symbol	CD96
Entrez Gene	10225(Human); 498079(Rat)
SwissProt	P40200(Human); Q3U0X8(Mouse)

\*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.

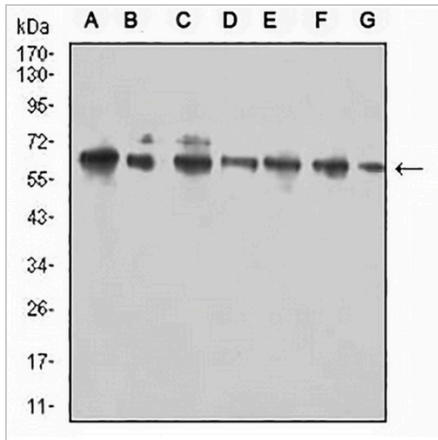
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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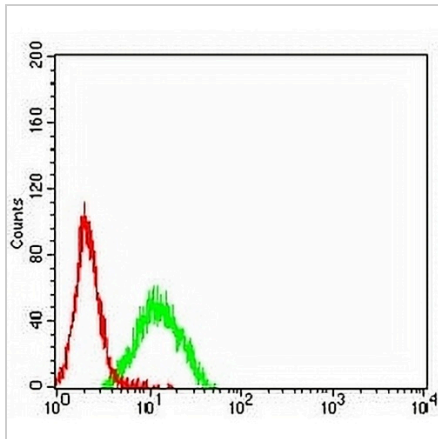
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**DATA**



Western blot analysis of CD96 expression in Hela (A), Jurkat (B), MOLT4 (C), Raji (D), HL60 (E), U937 (F), C6 (G) whole cell lysates. (Predicted band size: 66 kD; Observed band size: 66 kD)



Flow cytometric analysis of K562 cells using Anti-CD96 Antibody (green) and negative control (red).

**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.