

DATASHEET

CD8a Mouse Monoclonal Antibody(C2613)

CAT. NO. AMA02225

KEY FEATURES

Target	CD8a	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Integral membrane glycoprotein that plays an essential role in the immune response and serves multiple functions in responses against both external and internal offenses. In T-cells, functions primarily as a coreceptor for MHC class I molecule:peptide complex. The antigens presented by class I peptides are derived from cytosolic proteins while class II derived from extracellular proteins. Interacts simultaneously with the T-cell receptor (TCR) and the MHC class I proteins presented by antigen presenting cells (APCs). In turn, recruits the Src kinase LCK to the vicinity of the TCR-CD3 complex.

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 CD8a
Specificity	Recognizes endogenous levels of CD8a protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD8a expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 26 kD; Observed: 25 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	MAL; T-cell surface glycoprotein CD8 alpha chain; T-lymphocyte differentiation antigen T8/Leu-2; CD8a
Gene Symbol	CD8A
Entrez Gene	925(Human)
SwissProt	P01732(Human)

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

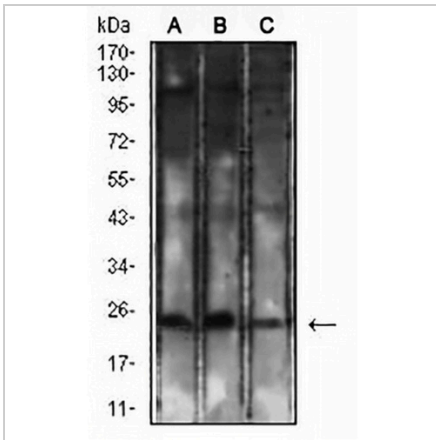
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

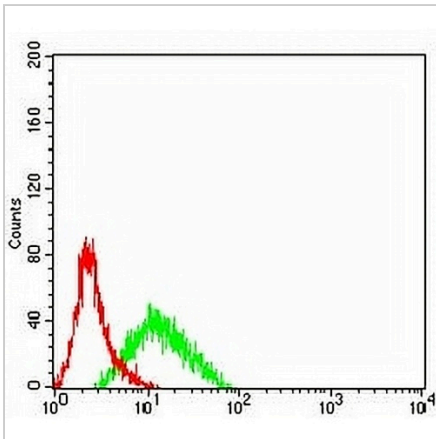
CD8a Mouse Monoclonal Antibody(C2613)

CAT. NO. AMA02225

DATA



Western blot analysis of CD8a expression in K562 (A), Jurkat (B), HL60 (C) whole cell lysates. (Predicted band size: 26 kD; Observed band size: 25 kD kD)



Flow cytometric analysis of HeLa cells using Anti-CD8a 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.