

**DATASHEET**

**CD137 Mouse Monoclonal Antibody(C3001)**

CAT. NO. AMA02613

**KEY FEATURES**

Target	CD137	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**

Receptor for TNFSF9/4-1BBL. Conveys a signal that enhances CD8(+) T-cell survival, cytotoxicity, and mitochondrial activity, thereby promoting immunity against viruses and tumors (Probable).

**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 CD137
Specificity	Recognizes endogenous levels of CD137 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD137 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 28 kD; Observed: 40 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CD137; ILA; Tumor necrosis factor receptor superfamily member 9; 4-1BB ligand receptor; CDw137; T-cell antigen 4-1BB homolog; T-cell antigen ILA; CD137
Gene Symbol	TNFRSF9
Entrez Gene	3604(Human)
SwissProt	Q07011(Human)

\*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.

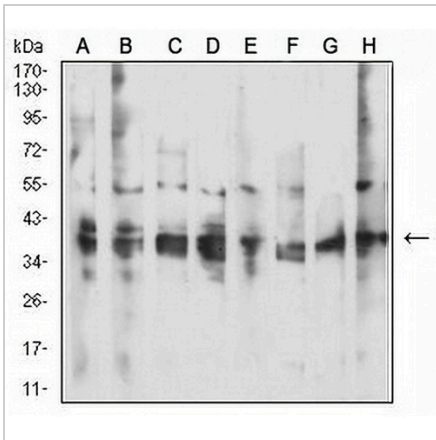
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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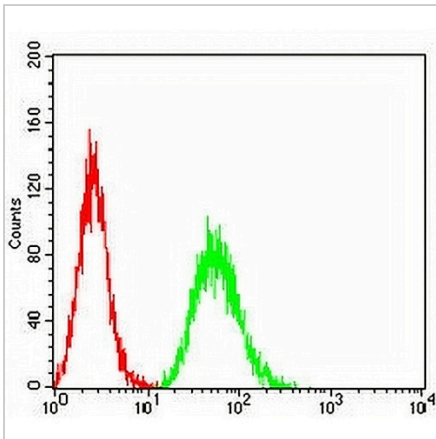
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**DATA**



Western blot analysis of CD137 expression in HepG2 (A), Jurkat (B), MOLT4 (C), HL60 (D), THP1 (E), Ramos (F), K562 (G), Raji (H) whole cell lysates. (Predicted band size: 28 kD; Observed band size: 40 kD)



Flow cytometric analysis of HL60 cells using Anti-CD137 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.