DATASHEET

CD265 Mouse Monoclonal Antibody(C2997)

CAT. NO. AMA02609

KEY FEATURES

Target	CD265	Source / Host	Mouse
Reactivity	Human, Mouse, Rat	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 TNFSF11/RANKL/TRANCE/OPGL; essential for RANKL-mediated osteoclastogenesis . Its interaction with EEIG1 promotes osteoclastogenesis via facilitating the transcription of NFATC1 and activation of PLCG2 . Involved in the regulation of interactions between T-cells and dendritic cells .

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 CD265
Specificity	Recognizes endogenous levels of CD265 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CD265 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 66 kD; Observed: 55 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	RANK; Tumor necrosis factor receptor superfamily member 11A; Osteoclast differentiation factor receptor; ODFR; Receptor activator of NF-KB; CD265
Gene Symbol	TNFRSF11A
Entrez Gene	8792(Human); 21934(Mouse)
SwissProt	Q9Y6Q6(Human); O35305(Mouse)

*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.

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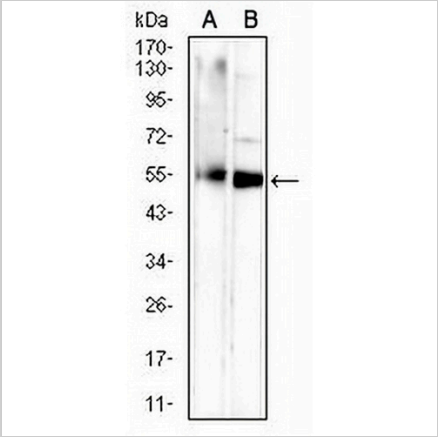
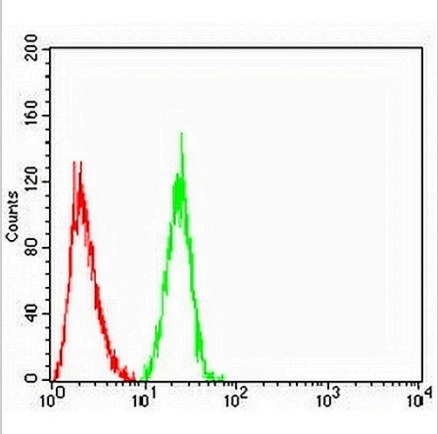


Western blot analysis of CD265 expression in mouse kindey (A), rat kindey (B) whole cell lysates. (Predicted band size: 66 kD; Observed band size: 55 kD kD)



Flow cytometric analysis of HL60 cells using Anti-CD265 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.