

DATASHEET

AP2-beta Mouse Monoclonal Antibody(C2987)

CAT. NO. AMA02599

KEY FEATURES

Target	AP2-beta	Source / Host	Mouse
Reactivity	Human	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

Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. AP-2-beta appears to be required for normal face and limb development and for proper terminal differentiation and function of renal tubular epithelia.

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 AP2-beta
Specificity	Recognizes endogenous levels of AP2-beta protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human AP2-beta expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 51 kD; Observed: 51 kD
Form/Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Transcription factor AP-2-beta; AP2-beta; Activating enhancer-binding protein 2-beta
Gene Symbol	TFAP2B
Entrez Gene	7021(Human)
SwissProt	Q92481(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.

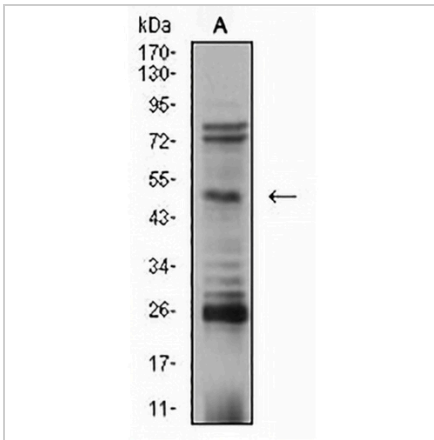
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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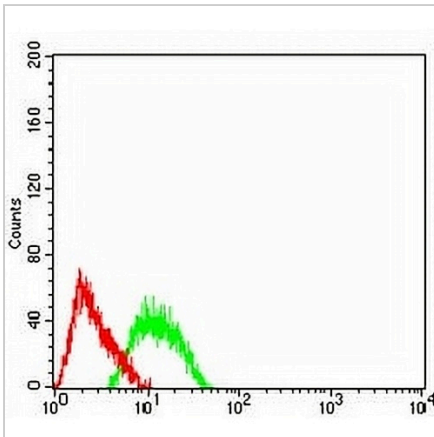
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Western blot analysis of AP2-beta expression in SKNSH (A) whole cell lysates. (Predicted band size: 51 kD; Observed band size: 51 kD)



Flow cytometric analysis of SKNSH cells using Anti-AP2-beta 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.