

DATASHEET

PAX8 Mouse Monoclonal Antibody(C2892)

CAT. NO. AMA02504

KEY FEATURES

Target	PAX8	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IHC, 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

Transcription factor for the thyroid-specific expression of the genes exclusively expressed in the thyroid cell type, maintaining the functional differentiation of such 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
IHC	1:100 - 1:500
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 PAX8
Specificity	Recognizes endogenous levels of PAX8 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PAX8 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 48 kD; Observed: 50 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Paired box protein Pax-8
Gene Symbol	PAX8
Entrez Gene	7849(Human)
SwissProt	Q06710(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.

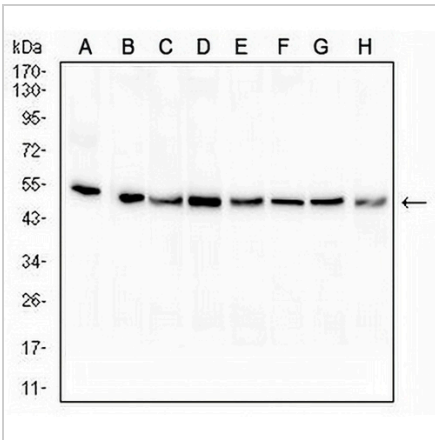
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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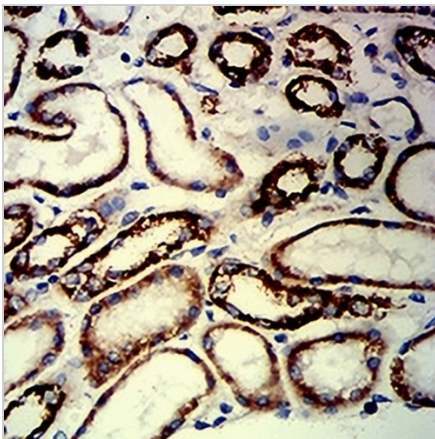
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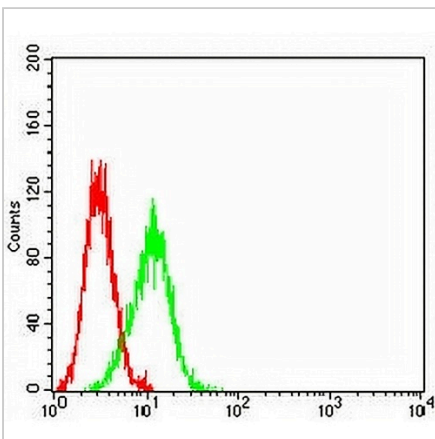
DATA



Western blot analysis of PAX8 expression in HL60 (A), HEK293 (B), Raji (C), HeLa (D), Jurkat (E), A431 (F), A549 (G), K562 (H) whole cell lysates. (Predicted band size: 48 kD; Observed band size: 50 kD)



Immunohistochemical analysis of PAX8 staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of SKOV3 cells using Anti-PAX8 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.