

## DATASHEET

# PAX5 Mouse Monoclonal Antibody(C2891)

CAT. NO. AMA02503

### KEY FEATURES

Target	PAX5	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	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 that plays an essential role in commitment of lymphoid progenitors to the B-lymphocyte lineage . Fulfills a dual role by repressing B-lineage inappropriate genes and simultaneously activating B-lineage-specific genes . In turn, regulates cell adhesion and migration, induces V(H)-to-D(H)J(H) recombination, facilitates pre-B-cell receptor signaling and promotes development to the mature B-cell stage . Repression of the cohesin-release factor WAPL causes global changes of the chromosomal architecture in pro-B cells to facilitate the generation of a diverse antibody repertoire .

### 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

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

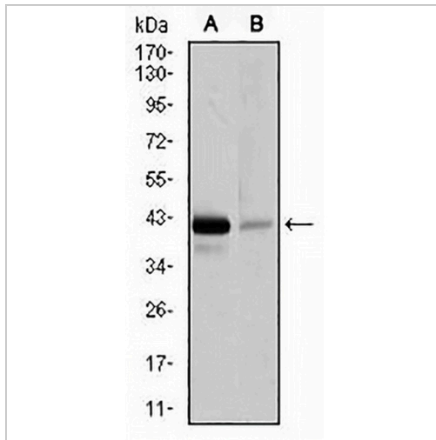
Description	Mouse monoclonal to PAX5
Specificity	Recognizes endogenous levels of PAX5 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human PAX5 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 45 kD; Observed: 41 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Paired box protein Pax-5; B-cell-specific, transcription factor; BSAP
Gene Symbol	PAX5
Entrez Gene	5079(Human)
SwissProt	Q02548(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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**DATA**

Western blot analysis of PAX5 expression in Raji (A), EVC304 (B) whole cell lysates.  
(Predicted band size: 45 kD; Observed band size: 41 kD)

**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.