

DATASHEET

PAX5 Rabbit Monoclonal Antibody(C735)

CAT. NO. AMA00347

KEY FEATURES

Target	PAX5	Source / Host	Rabbit
Reactivity	Human	Clonality	Monoclonal
Applications	IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.05% BSA 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)(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.

IHC	1:100 - 1:500
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

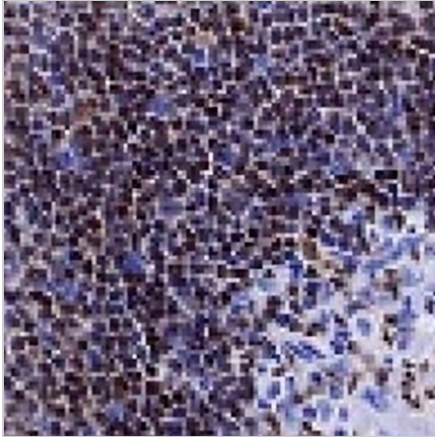
Description	Recombinant rabbit monoclonal antibody to PAX5
Specificity	Recognizes endogenous levels of PAX5 protein
Antibody Type	Primary antibody, Recombinant
Immunogen	Recombinant fusion protein of human PAX5. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.05% BSA 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 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

Immunohistochemical analysis of PAX5 staining in human spleen 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.

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.