

Pax-5 Antibody

Mouse Monoclonal Antibody (Mab)

Catalog # AD80130

Product Information

Application	IHC
Primary Accession	Q02548
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	912A5E1
Calculated MW	42149

Additional Information

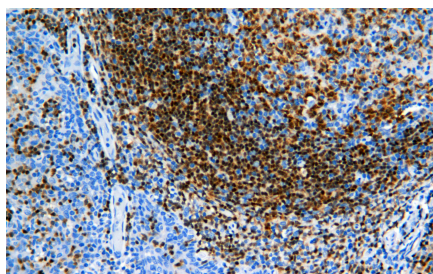
Gene ID	5079
Gene Name	PAX5
Other Names	Paired box protein Pax-5, B-cell-specific transcription factor, BSAP, PAX5
Dilution	IHC~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	Pax-5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PAX5
Function	Transcription factor that plays an essential role in commitment of lymphoid progenitors to the B-lymphocyte lineage (PubMed: 10811620 , PubMed: 27181361). Fulfills a dual role by repressing B-lineage inappropriate genes and simultaneously activating B-lineage- specific genes (PubMed: 10811620 , PubMed: 27181361). 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 (PubMed: 32612238). 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 (PubMed: 32612238).
Cellular Location	Nucleus.

Images

Immunohistochemical analysis of paraffin-embedded



human tonsil tissue using AD80130 performed on the Abcarta® FAIP-48 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH 9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems (Abcepta: ADR005) was used as the secondary antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.