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Pax-5

Rabbit Monoclonal antibody(Mab)
Catalog # AD80107

Product Information

Application	IHC-P
Primary Accession	Q02548
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Clone Names	517B5E6
Calculated MW	42149

Additional Information

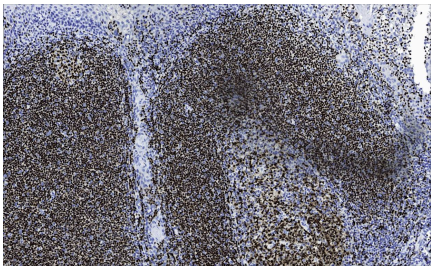
Gene ID	5079
Other Names	Paired box protein Pax-5, B-cell-specific transcription factor, BSAP, PAX5
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.

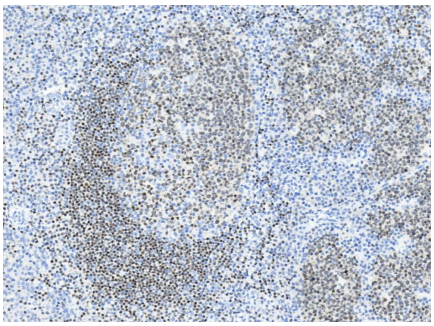
Protein Information

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.

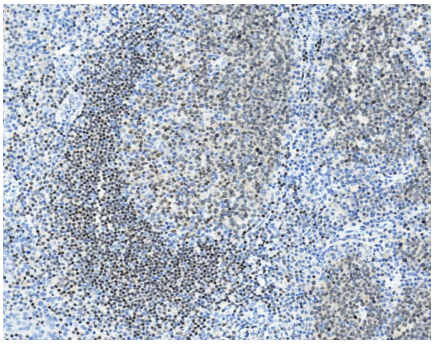
Images

Immunohistochemical analysis of formalin-fixed and paraffin-embedded human tonsil tissue was performed with Pax-5 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

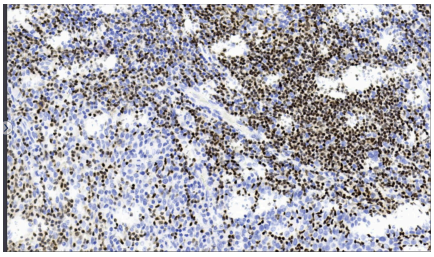




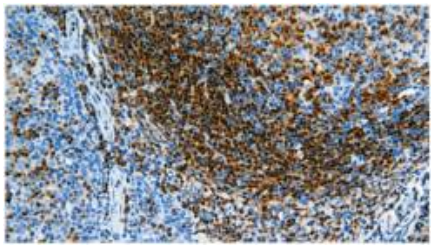
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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.