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Anti-PAX5/Bsap Rabbit Monoclonal Antibody

Catalog # ABO13483

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	Q02548
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-PAX5/Bsap Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse.

Additional Information

Gene ID	5079
Other Names	Paired box protein Pax-5, B-cell-specific transcription factor, BSAP, PAX5
Calculated MW	42149
Application Details	WB 1:1000-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:30
Subcellular Localization	Nucleus.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ICD-16
Immunogen	A synthesized peptide derived from human PAX5
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

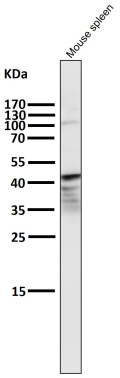
Protein Information

Name	PAX5
Function	Transcription factor that plays an essential role in commitment of lymphoid

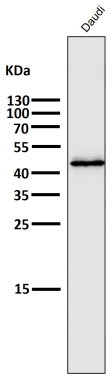
progenitors to the B-lymphocyte lineage (PubMed:10811620, PubMed:27181361). Fulfills a dual role by repressing B-lineage inappropriate genes and simultaneously activating B-lineage- specific genes (PubMed:10811620, PubMed:27181361). In turn, regulates cell adhesion and migration, induces V(H)-to-D(H)J(H) 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.

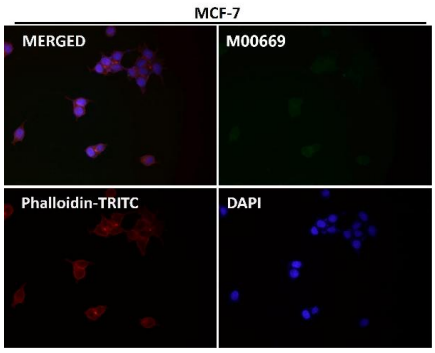
Images



All lanes use the Antibody at 1:6K dilution for 1 hour at room temperature.

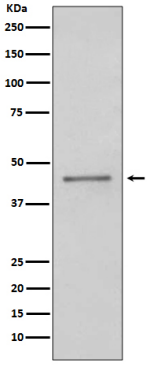


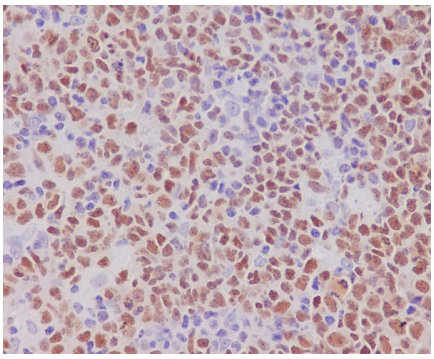
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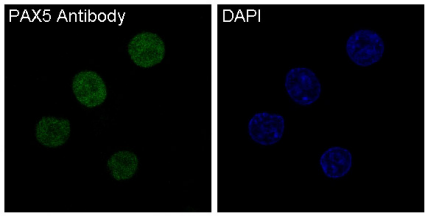
Immunofluorescent analysis using the Antibody at 1:50 dilution.

Western blot analysis of PAX5 expression in Ramos cell lysate.





Immunohistochemical analysis of paraffin-embedded human tonsil, using PAX5 Antibody.



Immunofluorescent analysis of Ramos cells, using PAX5 Antibody.

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