

PAX5 Antibody
Rabbit mAb
Catalog # AP90969**Specification****PAX5 Antibody - Product Information**

Application	WB, IHC, FC, ICC
Primary Accession	Q02548
Clonality	Monoclonal
Other Names	
B cell specific activator protein; B-cell lineage specific activator; BSAP; paired box 5; paired box homeotic gene 5; Paired box protein Pax-5; PAX5; transcription factor PAX 5;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	42149 Da

PAX5 Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PAX5
Description	AX5 May play an important role in B-cell differentiation as well as neural development and spermatogenesis. Involved in the regulation of the CD19 gene, a B-lymphoid-specific target gene. Interacts with DAXX. Binds DNA as a monomer. Binds TLE4.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

PAX5 Antibody - 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:<a

[10811620](http://www.uniprot.org/citations/10811620), PubMed: [27181361](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/32612238)).

Cellular Location

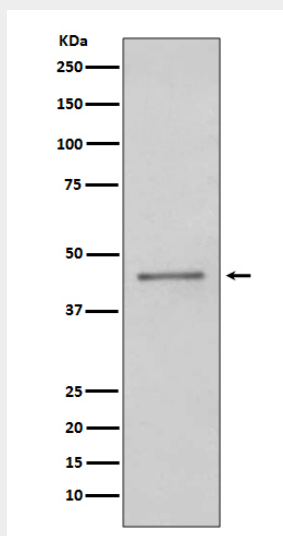
Nucleus.

PAX5 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PAX5 Antibody - Images



Western blot analysis of PAX5 expression in Ramos cell lysate.