

Anti-PAX5/Bsap Rabbit Monoclonal Antibody
Catalog # ABO13483**Specification**

Anti-PAX5/Bsap Rabbit Monoclonal Antibody - 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.

Anti-PAX5/Bsap Rabbit Monoclonal Antibody - Additional Information

Gene ID 5079

Other Names

Paired box protein Pax-5, B-cell-specific transcription factor, BSAP, PAX5

Calculated MW

42149 MW KDa

Application Details

WB 1:1000-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200
FC 1:30

Subcellular Localization

Nucleus.

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.

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.

Anti-PAX5/Bsap Rabbit Monoclonal 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: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).

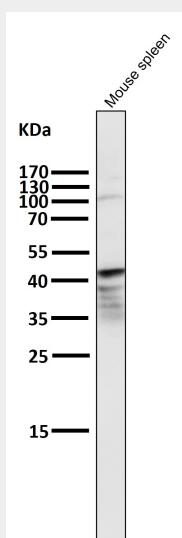
Cellular Location

Nucleus.

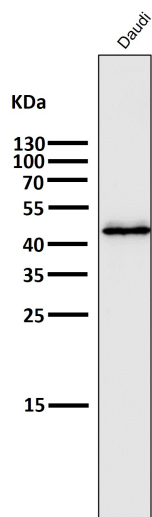
Anti-PAX5/Bsarp Rabbit Monoclonal Antibody - Protocols

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

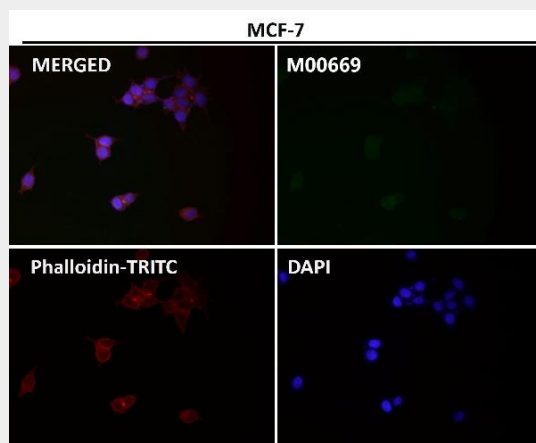
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PAX5/Bsarp Rabbit Monoclonal Antibody - Images

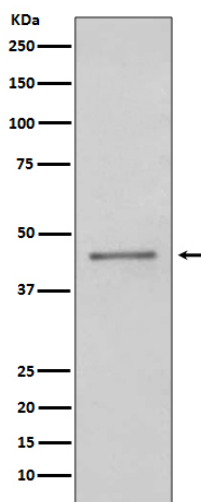
All lanes use the Antibody at 1:6K dilution for 1 hour at room temperature.



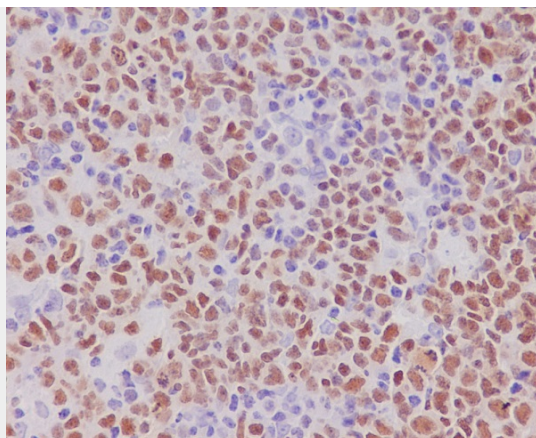
All lanes use the Antibody at 1:6K dilution for 1 hour at room temperature.



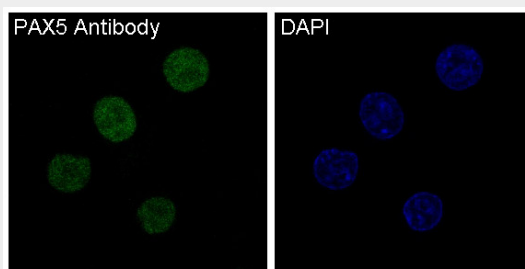
Immunofluorescent analysis using the Antibody at 1:50 dilution.



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.