

产品名称: PAX5 (2F18) Rabbit Monoclonal Antibody
产品货号: AMRe15787



产品概述 (Summary)

产品名称 (Production Name)	PAX5 (2F18) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PAX5
别名 (Alternative 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;
基因 ID (Gene ID)	5079.0
蛋白 ID (SwissProt ID)	Q02548.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:1000-1:5000,ICC/IF 1:100-1:200,FC 1:20-1:50,IP 1:20-1:50
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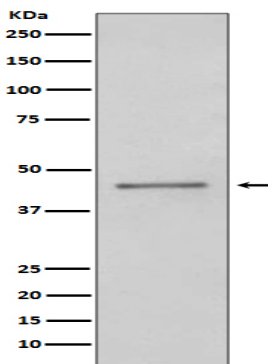
蛋白分子量 (Molecular Weight) 42kDa

研究背景 (Background)

PAX5 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. Transcription factor that plays an essential role in commitment of lymphoid progenitors to the B-lymphocyte lineage (PubMed: [10811620](http://www.uniprot.org/citations/10811620), PubMed: [27181361](http://www.uniprot.org/citations/27181361)). Fulfills a dual role by repressing B-lineage inappropriate genes and simultaneously activating B-lineage-specific genes (PubMed: [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)).

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of PAX5 expression in Ramos cell lysate.

注意事项 (Note)

For research use only .