

Pax-5

Rabbit Monoclonal antibody(Mab)

Catalog # AD80107

Product Information

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

Additional Information

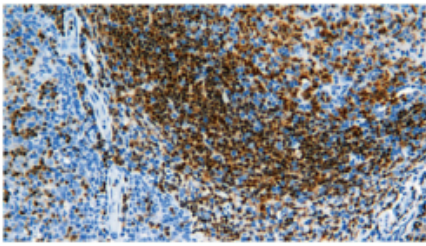
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|-------------|--|
| Gene ID | 5079 |
| Other Names | Paired box protein Pax-5, B-cell-specific transcription factor, BSAP, PAX5 |
| Dilution | IHC-P~~Ready-to-use |
| Storage | Maintain refrigerated at 2-8°C. |

Protein Information

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|-------------------|--|
| 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

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