

## B-Cell-Specific Activator Protein(PAX-5) mouse mAb(ABT-PAX5)

<b>Catalog No.</b>	IML0084
<b>Reactivity</b>	Human; Mouse
<b>Applications</b>	IHC-p
<b>Gene Name</b>	PAX5
<b>Protein Name</b>	B-Cell-Specific Activator Protein(PAX-5)
<b>Human Gene Id</b>	5079
<b>Swiss-Prot</b>	Q02548
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse:IgG2b, Kappa
<b>Dilution</b>	IHC-p: 1:100-200
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
<b>Concentration</b>	-
<b>Storage&amp;Stability</b>	-20°C:1 year
<b>Background</b>	This gene encodes a member of the paired box (PAX) family of transcription factors. The central feature of this gene family is a novel, highly conserved DNA-binding motif, known as the paired box. Paired box transcription factors are important regulators in early development, and alterations in the expression of their genes are thought to contribute to neoplastic transformation. This gene encodes the B-cell lineage specific activator protein that is expressed at early, but not late stages of B-cell differentiation. Its expression has also been detected in developing CNS and testis and so the encoded protein may also play a role in neural development and spermatogenesis. This gene is located at 9p13, which is involved in t(9;14)(p13;q32) translocations recurring in small lymphocytic lymphomas of the plasmacytoid subtype, and in derived large-cell lymphomas. This translocation brings the potent E-mu enhancer.
<b>Subcellular Location</b>	Nuclear
<b>BiowMW</b>	-

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