

Mouse Monoclonal Antibody to PAX5

Catalogue Number	sAP-0729
Target Molecule	<p>Name: PAX5</p> <p>Aliases: BSAP</p> <p>MW: 45kDa</p> <p>Entrez Gene ID: 5079</p>
Description	<p>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. PAX proteins 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.</p>
Immunogen	Purified recombinant fragment of human PAX5 (AA: 235-382) expressed in E. Coli. ; ;
Reactive Species	Human
Clone	MM7D3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Blood. 2010 Apr 15;115(15):3089-97. ; 2.Br J Haematol. 2009 Nov;147(3):328-38. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**