B STER[®] antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator, East Lake High-Tech Development Zone, Wuhan.

Web: www.boster.com Phone: 027-67845390/1/2 Email: boster@boster.com

Basic Information			
Product Name	Anti-BSAP/PAX5 Antibody (Clone#OTI3A7)		
Gene Name	PAX5		
Source	Mouse		
Clonality	Monoclonal		
lsotype	lgG1		
Species Reactivity	human, mouse, rat		
Tested Application	IHC, WB		
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.		
Immunogen	Full length human recombinant protein of human PAX5 (NP_057953) produced in E.coli.		
Concentration	500 ug/ml		
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)		
Observed MW	42 kDa		
Dilution Ratios	Western blot (WB): 1:2000 Immunohistochemistry (IHC):1:150		

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

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. This translocation brings the potent E-mu enhancer of the IgH gene into close proximity of the PAX5 promoter, suggesting that the deregulation of transcription of this gene contributes to the pathogenesis of these lymphomas. Alternatively spliced transcript variants encoding different isoforms have been described but their biological validity has not been determined. [provided by RefSeq, Jul 2008]

Reference

Product datasheet Anti-BSAP/PAX5 Antibody (Clone#OTI3A7) Catalog Number: M00669-3



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Anti-BSAP/PAX5 Antibody (Clone#OTI3A7)被引用在1文献中。

Selected Validation Data



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PAX5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, M00669-3)

170	-	
130	_	
100	_	
70	-	
55		
40	-	
35	-	
25	-	
15	-	
10	_	

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PAX5 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PAX5(Cat# M00669-3).

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