

# Product Datasheet

## Pax5/BSAP Antibody (PAX5/3735) - Azide and BSA Free NBP3-08418

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP3-08418**

Pax5/BSAP Antibody (PAX5/3735) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PAX5/3735
Preservative	No Preservative
Isotype	IgG1 Lambda
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	42 kDa

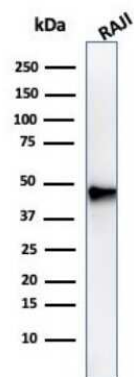
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07581).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	5079
Gene Symbol	PAX5
Species	Human, Canine, Equine, Feline, Rhesus Macaque
Reactivity Notes	Feline and Equine reactivity reported from a verified customer review.
Marker	Early B-Cell Marker
Specificity/Sensitivity	The specificity of this monoclonal antibody to its intended target was validated by HuProt™ Array, containing more than 21,000, full-length human proteins. The PAX5 gene is 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 domain, known as the paired box. The PAX proteins are important regulators in early development, and alterations in the expression of their genes are thought to contribute to neoplastic transformation. The PAX5 gene encodes the B-cell lineage specific activator protein (BSAP) that is expressed at early, but not late stages of B-cell differentiation. Its expression has also been detected in developing CNS and testis; therefore, PAX5 gene product may not only play an important role in B-cell differentiation, but also in neural development and spermatogenesis.
Immunogen	A recombinant fragment (around aa 235-382) of human PAX5 protein (exact sequence is proprietary) (Uniprot: Q02548)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.



## Images

Western Blot: Pax5/BSAP Antibody (PAX5/3735) - Azide and BSA Free [NBP3-08418] - Western Blot Analysis of Raji cell lysate using Pax5/BSAP Mouse Monoclonal Antibody (PAX5/3735).



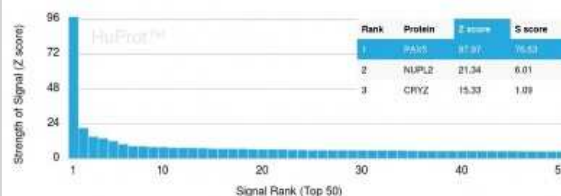
Immunohistochemistry-Paraffin: Pax5/BSAP Antibody (PAX5/3735) - Azide and BSA Free [NBP3-08418] - Formalin-fixed, paraffin-embedded human Tonsil stained with Pax5/BSAP Mouse Monoclonal Antibody (Pax5/BSAP/3735).



Immunohistochemistry-Paraffin: Pax5/BSAP Antibody (PAX5/3735) - Azide and BSA Free [NBP3-08418] - Formalin-fixed, paraffin-embedded human Tonsil stained with Pax5/BSAP Mouse Monoclonal Antibody (Pax5/BSAP/3735).



Protein Array: Pax5/BSAP Antibody (PAX5/3735) - Azide and BSA Free [NBP3-08418] - Analysis of Protein Array containing more than 21,000 full-length human proteins using Pax5/BSAP Mouse Monoclonal Antibody (Pax5/BSAP/3735).





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### **Products Related to NBP3-08418**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96982	Mouse IgG1 Lambda Isotype Control (MG1L)
H00005079-Q01-10ug	Recombinant Human Pax5/BSAP GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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