

# Product Datasheet

## **Pax5/BSAP Antibody (PAX5/3735) [Janelia Fluor® 635] NBP3-08418JF635**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-08418JF635**

Pax5/BSAP Antibody (PAX5/3735) [Janelia Fluor® 635]

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.1 ml  |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| <b>Storage</b>                     | Store at 4C in the dark.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | PAX5/3735   |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG1 Lambda   |
| <b>Conjugate</b>                   | Janelia Fluor 635   |
| <b>Purity</b>                      | Protein A or G purified   |
| <b>Buffer</b>                      | 50mM Sodium Borate  |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 5079  |
| <b>Gene Symbol</b>                 | PAX5  |
| <b>Species</b>                     | Human, Canine, Equine, Feline, Rhesus Macaque   |
| <b>Reactivity Notes</b>            | Feline and Equine reactivity reported from a verified customer review.  |
| <b>Marker</b>                      | Early B-Cell Marker   |
| <b>Specificity/Sensitivity</b>     | 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. |
| <b>Immunogen</b>                   | A recombinant fragment (around aa 235-382) of human PAX5 protein (exact sequence is proprietary) (Uniprot: Q02548)  |
| <b>Notes</b>                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Protein Array  |
| <b>Recommended Dilutions</b>       | Western Blot, Immunohistochemistry-Paraffin, Protein Array  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |



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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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