

bs-1861R**[Primary Antibody]****PAX5 Rabbit pAb****BioSS**
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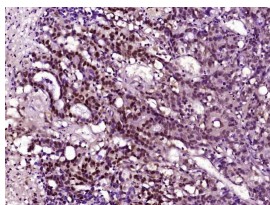
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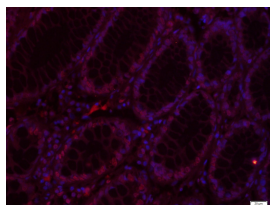
— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 5079**SWISS:** Q02548**Target:** PAX5**Immunogen:** KLH conjugated synthetic peptide derived from human PAX5: 301-391/391.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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 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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]

Applications: IHC-P (1:100-500)**IHC-F** (1:100-500)**IF** (1:200-800)**Reactivity:** Human (predicted: Mouse, Rat, Pig, Cow, Chicken)**Predicted MW.:** 42 kDa**Subcellular Location:** Nucleus**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PAX5) Polyclonal Antibody, Unconjugated (bs-1861R) at 1:400 overnight at 4°C, followed by operating



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Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

according to SP Kit(Rabbit) (sp-0023)
instructions and DAB staining.

Anti-Rabbit IgG antibody (bs-0295G-cy3) for 90
minutes, and DAPI for nuclei staining.