

Rabbit Monoclonal anti-PAX5, Clone GR024

60-0093-7	7 mL predilute Antibody, Ready-To-Use
61-0093; 61-0093-5; 61-0093-2	1 mL; 0.5 mL; 0.2 mL Concentrate Antibody
Isotype	N/A
Concentration:	See container label

Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect PAX5 in normal and neoplastic formalin fixed, paraffin embedded (FFPE) tissue sections in immunohistochemical (IHC) detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

Description

PAX5 (paired box protein 5), also known as BSAP (Human B-Cell-Specific Activator Protein, BSAP), is a member of the *PAX* gene family that encodes transcription factors. PAX5 is expressed through B-cell maturation (expressed in pro-, pre-, and mature B cells, but not in plasma cells) and is detected in most B-cell neoplasms including those B-Lymphoblastic leukemia and B-cell lymphomas following rituximab therapy. PAX5 is not expressed in most CD30-positive non-hematopoietic malignancies and T-cell lymphomas, such as anaplastic large cell lymphoma (ALCL). With a panel of antibodies, PAX5 is useful for subtyping lymphomas and lymphatic leukemia. PAX5 is expressed in B-cell non-Hodgkin's lymphoma (B-NHL), Hodgkin's lymphoma (HL) and neuroendocrine tumors.

Reagent provided

This antibody is diluted in 10 mM phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN₃) as antimicrobial agent.

Precautions

For professional users.

Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.

Sodium azide (NaN₃) is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN₃ may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

Usage

Dilution

60-0093-7: Ready-To-Use

61-0093; 61-0093-5; 61-0093-2: Dilute 1:100-200 before use when using Power-Stain™ and Acu-Stain™ detection systems. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.

Staining procedure

Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

Positive control tissue

Tonsil

Epitope retrieval

HIER, Citrate pH 6

Staining pattern

Nucleus

Storage

Store at 2-8°C.

References

1. Mesouki MM, et al. Clin Med & Res 2009;8:84-88.
2. Mhawech-Fauceglia P, et al. J Clin Pathol 2007;60:709-714.
3. Feldman AL, et al. Adv Anat Pathol 2007;14:323-34.

Symbols



Catalog No.



Batch No.



In Vitro Diagnostic Use



Temperature Range



Use By

